

PROGRESS REPORT

OR

FOREST ADMINISTRATION

IN THE

HYDERABAD ASSIGNED DISTRICTS

(20)

FOR THIS YEAR

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No. 173—272-2 F., dated Calcutta, the 16th February 1903.

From—J. O. MILLER, Esq., C.S.I., Secretary to the Government of India,
To—The Honourable the Resident at Hyderabad.

File No. 272 of
1902.
Serial No. 2.

I AM directed to acknowledge the receipt of Major Haig's letter, No. 479, dated the 23rd December 1902, forwarding the Report on Forest Administration in the Hyderabad Assigned Districts for the year 1901-2, together with the Commissioner's remarks thereon.

2. The area for which permanent working-plans have been drawn up appears to be 725 square miles out of a total forest area of 3,951 square miles, no new plans having been completed during the year. The Government of India hope that nothing will be allowed to delay the completion of practical plans for such areas as may be reasonably expected to command a market, and will watch with interest the progress made in this direction.

The report does not make it clear to what extent existing plans have proved satisfactory when put to the test of actual working, or how far the absence of demand, or other causes, have prevented their being acted on fully. This point should be noticed in future reports.

3. Under the adverse conditions which prevailed, fire-protection was no doubt rendered somewhat difficult, and the results were much less satisfactory than in the previous year. The number of cases of injury by fire rose from 58 in 1900-1 to 131, while 41 fires, due to carelessness or other preventible causes, were responsible for half the total area burnt. Closer and more efficient supervision on the part of the controlling staff would have probably secured better results.

4. The remarks in paragraph 23 of the report deal with a subject of much importance, and the Government of India will watch with interest the results of any experiments that may be made to assist germination.

5. The outturn of the forests exceeded that of the previous year under every principal head, owing to the recovery from the agricultural distress of the previous year and the revenue rose in proportion. The net surplus was Rs 2,74,500, or more than double the surplus in the previous year, and the administration of the Department appears to have been efficiently conducted.

No. 174 F.

COPY, with a copy of the Report, forwarded to the Foreign Department, for information.

No. 175 F.

COPY forwarded to the Inspector General of Forests, for information, with reference to paragraph 2.

Review by the Commissioner, Hyderabad Assigned Districts, of the Report on the Forest Administration of the Hyderabad Assigned Districts for the year 1901-02.

There was a slight increase in the area of State-forests, nearly one square mile. Fourteen square miles of forest were transferred from Classes B and C

ERRATUM.

Review by the Commissioner, Hyderabad Assigned Districts, of the Report on the Forest Administration of the Hyderabad Assigned Districts for the year 1901-02.

For clause 2 of paragraph 4 substitute the following:—

The number of prosecutions, however, bears a smaller proportion to offences when compared with the preceding year, and the number of cases "compounded" increased by 220. Except in cases of wilful damage to forests, where a criminal prosecution is necessary on principle, compounding is the most satisfactory method of dealing with the offenders.

23—[G.C.F.]

The results of the measures taken to protect forests from fire are reported to have been unsatisfactory, 50,625 acres being shown under "failures" to 968,871 "attempted" against 12,409 and 949,697 acres respectively in the previous year. This is explained to be due to the late arrival and early cessation of the monsoons, which exposed the forests to the risk of fire for a longer time, and to the insufficiency of the rainfall, which made them more susceptible to it.

5. A total area of 2,587 square miles of all classes of forests was thrown open for grazing. This includes areas opened for part of the year only. The special grazing concessions sanctioned during the famine are now that normal conditions have returned being steadily withdrawn.

6. The receipts for the year amounted to Rs. 4,86,427 and the expenditure to Rs. 2,11,926, leaving at the close of the year a surplus of Rs. 2,74,511.

The report shows the working of the department to have been on the whole satisfactory, the financial results at least are eminently so. Mr. Fernandez has already proved himself to be an energetic and successful Conservator.

1261—[G.C.F.]

No. 81, dated Camp Amarati, the 27th September 1902

From—D. L. Fernandez, Esq., Conservator of Forests, Hyderabad Assigned Districts,
To—The Commissioner, Hyderabad Assigned Districts

I have the honour to submit herewith the Annual Report on Forest Administration in the Hyderabad Assigned Districts during the Forest year 1901-02. In its preparation the model suggested for such reports by the Inspector-General of Forests and circulated with Revenue and Agriculture Department letter No 7-F, dated 1st September 1900, has been closely followed, and the wishes of the Government of India in regard to brevity duly observed.

HYDERABAD ASSIGNED DISTRICTS

ANNUAL PROGRESS REPORT ON FOREST ADMINISTRATION FOR THE YEAR 1901-02.

Chapter I.—Extension and Constitution of State-Forests.

SECTION I.—ALTERATION OF AREAS.

1. The changes of area which took place during the year are summarised below, details being shown in appended Form No. 46 and Appendix 1. There was a net increase of nearly 1 square mile. The reclassification of Class C-II areas in Basim was commenced, and will, it is expected, be completed in 1902-03:—

Cantonment Board or Revenue District	Area in square miles	Changes during the year.								Total area of the year	
		Addition in acres due to				Reduction in acres due to					
		Transfer to m.	Transf. from m.	Transf. from Forest Div.	Constit. new area	Transf. to m.	Transf. from Forest Div.	Constit. new area	Total reduc. in sq. miles		
A. Hyderabad	14,100	571	614	477	31,077	3,011	11	19,211	611	35,607	
B. Basim	44	—	—	62	—	—	—	85	1,311	518	
C. Jhelum	1,100	7,401	—	1,3157	—	4,725	0,316	4,217	34,207	19,951	
D. Nizamabad	1,100	16,120	4,217	53,151	6,011	91	61,151	11,531	6,011	73,479	
E. Gulbarga	1,100	1,473	—	—	—	—	—	—	—	9,455	
F. Hyderabad	1,100	1,473	—	—	—	—	—	—	—	9,455	

SECTION II.—FOREST SETTLEMENTS.

2. The Bihar Forest Law excludes all idea of forest settlements, as the results of the enquiry made in connection with Land Revenue settlements are accepted without modification or supplement.

SECTION III.—DEMARCATION.

3. Comparison with previous reports will show that the figures now entered in Form No. 48 bear no connection at all with those recorded in these reports. The several columns have for the first time been filled up correctly, the headings of columns 5-8 having been heretofore misunderstood. Even now the figures received from the divisions are not accurate, and are subject to revision in future reports.

SECTION IV.—FOREST SURVEYS.

4. A survey of the Chirori forest on the scale of 4"=1 mile was commenced during the year under the direction of the Conservator in order to prepare a compartment map of that reserve for the working-plan. This survey, except for certain mistakes since discovered in the boundary, was completed by the end of the season. The correct boundaries will be laid down and the map completed in the first month of the ensuing open season.

SECTION V.

5. The Superintendent of Forest Surveys, Bengal Presidency, printed for us the second edition of the 1-inch sheets of the Darwha, Daryapur, and Malkapur taluks at a cost of Rs. 229.

Chapter II.—Management of State-Forests.

SECTION I.—REGULATION OF MANAGEMENT.

(a) PREPARATION OF REGULAR WORKING PLANS.

6. A working-plan for the forests of the Amraoti Division was prepared and submitted for opinion to the Inspector-General of Forests in manuscript. It was returned with the request that it should be resubmitted in print 'in proof' or finally struck off, as judged necessary (if it satisfied the Conservator who was responsible for it). The plan was then entirely recast and sent up in proof so that any alterations and additions ordered might be at once made or interpolated before final publication. The Inspector-General returned the proof and desired to receive back the plan finally printed off. His wishes were complied with in April, but up to the close of the year his review of it had not been issued.

7. Out-door operations for a working-plan for the forests of the Baldana Division were commenced and completed and a part of the plan written up in accordance with the preliminary proposals accepted by the Inspector-General of Forests. The plan could not be completed as the orders of the Honourable the Resident on certain reclassifications of areas had to be awaited.

8. Preliminary proposals for the preparation of a working-plan for the Kohaus forests, Ellichpur Division, as well as similar proposals for revising the Bairagarh and Gughamal working-plan, were submitted to the Inspector-General of Forests. The former were accepted and the latter were returned for reconsideration.

(b) PRELIMINARY WORKING PLANS AND PLANS OF OPERATIONS.

9. No new plans were drawn up, but existing ones for the Ellichpur, Baldana, Basim, and Wun Divisions were followed as far as circumstances permitted.

10. The usual plans of operations were compiled at the commencement of the year and adhered to.

SECTION II.—COMMUNICATIONS AND BUILDINGS.

(a) ROADS, BRIDGES, AND EXPORT LINES.

11. The utmost economy was exercised, as will be apparent from the comparative figures given below. Many urgent new works were put off against the return of more favourable financial conditions. All new works completed were for permanent use:—

		Average cost of previous 10 years, Rs.	Cost during 1901-02. Rs.
<i>Communications—</i>			
New works	...	6,542	...
Repairs	...	7,160	5,790
	Total	13,702	5,790
<i>Buildings—</i>			
New works	...	5,011	1,559
Repairs	...	3,426	3,704
	Total	8,437	5,263
<i>Other works—</i>			
New works	...	759	50
Repairs	...	911	296
	Total	1,370	346
GRAND TOTAL	...	23,509	11,309

SECTION III.—PROTECTION OF FORESTS.

(a) GENERAL PROTECTION.

12. The number and nature of the offences committed and the manner in which they were dealt with are detailed and compared with the average figures of the ten preceding years in Appendix B. The following is an abstract for the circle :—

Nature of offence.	Prosecuted.		Compounded.		Undetected.		Total.	
	Previous 10 years.	1901-02.	Previous 10 years.	1901-02.	Previous 10 years.	1901-02.	Previous 10 years.	1901-02.
Injury by fire ...	15	20	24	46	24	68	63	134
Unauthorized felling and removal of produce.	118	63	175	590	29	13	622	666
Unauthorized grazing ...	13	3	91	182	12	...	116	185
Other offences ...	26	22	65	55	1	1	92	78
Total ...	172	108	655	823	68	82	898	1,013

The above figures show that greater leniency than usual was exercised in prosecuting cases, the proportion of cases compounded being correspondingly increased. The larger number of cases brought to light prove closer vigilance on the part of the establishment. The rise in the number of undetected cases (81 per cent. of the total number of cases in 1901-02 against an average percentage of 7.42 during the previous ten years) needs no explanation; nor do the separate divisional details call for comment.

13. In the subjoined table the results of the prosecutions undertaken in 1901-02 and in the preceding period of ten years are compared :—

Division.	Average of 10 preceding years.		1901-02.		Percentage of failures to total number prosecuted.	
	Convictions.	Acquittals.	Convictions.	Acquittals.	Preceding 10 years.	1901-02.
Elllichpur ...	23	4	19	2	14.8	9.6
Amrooti ...	45	10	16	7	18.2	30.4
Buldana ...	26	10	12	1	27.8	7.7
Basim ...	18	4	21	8	23.5	13.6
Wan ...	30	9	20	3	23.1	18.0
Circle ...	137	37	88	16	21.3	16.4

The Divisional Officer, Amrooti, has omitted to explain the large percentage of failures in his division. On the whole, however, greater discretion has been used in sending cases into court.

14. All needful statistics regarding cases compounded are collected in the following statement :—

Division.	Number of cases compounded per square mile of forest area.		Number of persons per case.		Number of persons dealt with per square mile of forest area.		Amount of compensation levied in rupees.			
	Average of previous 6 years.	1901-02.	Average of previous 5 years.	1901-02.	Average of previous 5 years.	1901-02.	Per case.		Per person dealt with.	
							Average of previous 6 years.	1901-02.	Average of previous 5 years.	1901-02.
Elllichpur ..	0.10	0.10	2	2	0.20	0.21	1.95	1.62	0.07	0.76
Amrooti ...	0.74	0.56	4	5	2.87	2.00	2.13	4.16	0.63	0.83
Buldana ...	0.17	0.31	3	4	0.57	1.18	3.72	4.00	1.14	1.18
Basim ...	0.14	0.31	4	2	0.11	0.30	4.80	5.91	1.70	3.05
Wan ...	0.10	0.20	2	2	0.33	0.30	3.80	2.68	1.61	1.30
Circle ...	0.20	0.21	3	3	0.68	0.60	3.77	3.70	1.09	1.27

(b) PROTECTION FROM FIRE.

15. Detailed figures for the past year in connection with this operation are given in Form No. 58. Statistics relating to B Class forests have always been excluded from this return, although they too are specially protected every year. This incorrect practice has preference to be followed in the present report, but from next year it will be possible to include all data. In the past year Rs. 325 were spent in protecting 54 square miles of B Class forests.

16. The following abstract, in which the results of the past year are compared with the averages of the preceding decade, will be found interesting and useful :—

Division.	Year.	Area attempted.	Results.			Cost of protection.	Appropriation per square mile of area attempted.
			Succes- fully pro- tected.	Failures.	Protected or un- attempted.		
		Acre.	Acre.	Acre.	%	Ru.	Ru.
Ellichpur ...	Average of previous 10 years... 1901-02	458,875 195,678	367,501 40,197	8,974 6,578	0.24 1.62	4,745 5,113	6.4 6.6
Amravati ...	Average of previous 10 years... 1901-02	21,374 25,749	21,146 24,617	182 5,112	0.76 19.16	649 854	17.0 19.6
Buldana ...	Average of previous 10 years... 1901-02	123,571 117,251	115,911 107,729	7,559 11,092	6.12 7.0	1,476 2,034	1.97 11.3
Basim ...	Average of previous 10 years... 1901-02	131,611 100,210	131,458 124,549	1,365 16,021	1.03 11.4	1,743 2,221	8.2 0.8
Wan ...	Average of previous 10 years... 1901-02	135,176 146,987	124,203 137,214	6,211 9,773	4.53 6.75	3,070 3,674	15.8 15.9
Circle	Average of previous 10 years... 1901-02	8,77,51 9,9,871	570,201 50,203	16,891 5,119	1.29 11.583	12,897 15,83	4.9 9.6

Two points here call for special notice—viz., (1) the marked size in every division in the percentage of failures, and (2) the higher cost per square mile placed under protection. The increases are fully explained by the exceptionally unfavourable character of the season, the combined result of (a) the short rainfall of 1901 and its early cessation, (b) the total absence of rain in the cold weather, and (c) the delayed monsoon of 1902, which gave the first important fall of rain only after the second week of July. Thus imminent risk of fire commenced as early as the first week of October; a large acre was burnt on 5th October, and several more extensive conflagrations had already occurred before the end of November, while in the Buldana Division a fire swept over 11 acres as late as the 17th Aug 1st. An additional effective cause was the presence of a large gang of dacoits who had established their lairs among the hill fastnesses in the Amravati and Gare Naargao reserves. On one occasion, in evading a party of police sent out to capture them, they set fire to the grass to cover their retreat, and in consequence 4,900 acres of the Amravati Reserve were burnt. The unsatisfactory results of the year's work were in no sense due either to reduced effort or diminished vigilance on the part of the establishment, which on the whole did its very best in an unusually trying season.

17. In the following statement are summarised the causes of the various fires that occurred :—

Division.	No. of fires.	Area burnt in square miles.	Causes of fires.	C—Fires by causes inside the reserves or forested areas.												Total A. and C. O.		
				Owing to carelessness or accident.						By intention.								
				No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.	No. of fires.			
Ellichpur ...	2	27	1	1	8	6,400	..	..	..	..	..	..	..	..	..	12	6,633
Amravati ...	2	85	6	3,913	..	..	2	1,023	..	..	1	70	..	..	..	12	5,112
Buldana ...	3	3,190	1	60	1	29	1	3,106	..	..	..	..	..	..	..	12	11,023
Basim ...	5	1,056	3	9,476	..	..	4	4,932	2	67	1	600	..	..	..	23	16,921
Wan ...	6	2,037	6	9,700	3	988	2	1,810	5	2,529	5	608	23	9,773
Total ...	25	7,003	10	17,718	12	7,516	7	8,563	3	76	4	2,400	26	18,654	12	6,060	79	50,265

There were no fires caused by railway engines, nor was any fire lit by persons in pursuit of game or desirous of producing a new crop of grass or of diminishing cover.

(c) PROTECTION FROM CATTLE.

18. The extent of forest respectively under closure and open to grazing during the year is shown in appended Form 54. The figures for the past two years compare as under for the entire circle:—

			1900-01.	1901-02.
Closed to all animals	..	{ Whole year Part of year	... 1,259 ... 91	1,353 15
Closed to browsers alone	..	{ Throughout year Part of year	... 131 ... 115	178 29
Open to all animals	..	Throughout year	... 2,492	2,365

The more extensive areas closed throughout the year to all animals and to browsers are explained by additions made to A Class forests and the corresponding diminution of the area (Classes C-I and C-II) in which all animals were allowed to graze throughout the year. The marked decreases in the areas closed for only a part of the year are due to the fact that, normal conditions having returned after the recent famine, it was not found necessary to open any A Class areas additional to those in which cattle were admitted in accordance with the preliminary working-plans in force.

(d) PROTECTION OF FOREST GROWTH AGAINST INJURY FROM NATURAL CAUSES.

19. The drying up of teak trees reported in the previous year as a consequence of the drought which culminated in 1899 still continued in all the divisions, and, as the trunks of teak trees which die standing are in Berar deeply shaken along their whole length, the dying trees had to be utilised as quickly as possible, and practically furnished the entire yield of the year. The severity of the drought may be best appreciated from the fact that even now, three years after the end of the drought, thousands of trees that had apparently escaped, but had nevertheless been apparently injured in their vitality, are gradually drying up.

20. The entire province was visited by a veritable plague of rats, which destroyed tens of thousands of seedlings, saplings, and young poles, chiefly of babul, teak, sajar, dhaora, and mowha. In most cases they gnawed off every vital part in the region of the root collar, thus completely killing the plant; but often the bark of even the trunk and branches was eaten away clean, and not unfrequently the wood was girdled to a considerable depth, so that the portion above snapped off in the wind. Bamboo clumps also suffered, the smaller ones being killed outright, or very nearly so.

21. The Lantana clearing operations in the Melghat were continued at a cost of Rs. 698. Experience seems to show that an infected area need not be gone over oftener than once in three years.

22. In accordance with established custom no special creeper cutting operations were undertaken. There is, however, no doubt but that this work has been too long neglected in the Melghat, and measures for carrying it out in a systematic manner require to be set on foot without delay. Much of the work can be done by the ordinary protective staff in their daily rounds.

SECTION IV.—SYLVICULTURE.

(a) NATURAL REPRODUCTION.

23. The unusually abundant crop of seed referred to in paragraph 15 of the previous year's report, which, it had been hoped, would compensate by its germination for the heavy losses suffered from the drought, had no results whatsoever, for the most careful search in the midst of the grass failed to discover a single yearling after November, thus corroborating in the most emphatic manner the conclusions arrived at by the writer of this report as the result of 28 years' special study, and recorded in paragraph 38 of the Central Provinces Northern Circle Annual Forest Report for 1899-1900, the following extract from which will bear repeating:—

"To expect any really tangible results from the natural sowing of the ground under more protection from grazing and fire is to ignore what has happened during the past 30 years of such protection and of futile waiting for a new stock of valuable and full forest to make its appearance and replace the old open scrub of mostly dwarfed, scraggy, often unsound trees, few of which belong to marketable species. Compare the stock in those areas, which were at the outset of forest conservation in these Provinces chosen for their special promise, and which have ever since been carefully protected from cattle and fire, with adjoining areas under similar conditions of soil and climate, but which have always been open to grazing and under a less stringent system of protection against fire. Having started better in the race, one would expect that the former would have forged further ahead. But what is the fact? The difference of condition between the two classes

of areas is actually so slight as to be generally inappreciable save after close and careful observation. In the former areas we look in vain for any group of teak or other valuable species which has come up as the result of seed-germination since the commencement of conservation. All that has really happened is that pre-existing young seedling growth that had been kept back by grazing and annual fires has, since these two adverse conditions have been suppressed, had a chance of getting away and forming forest. In the early Forest Reports it was usual to describe this growth as recently produced seedlings, although their age was anything from 1 to 15, and even more, years. But how, and when, did these young plants come into existence? It was when the nomadic cultivator had loosened the soil and had thus weakened the hold on it of the grass roots that the parent seed germinated and that the resulting seedlings were able to establish themselves before they could be choked to death on the grass re-asserting itself after the migration of the cultivator to new ground. And why are young teak seedlings so rare now in our forests? Simply because the seedlings that spring up cannot get their roots down sufficiently deep into the soil to be able to survive the immediately ensuing long drought. In favourable years germination is of course abundant, but a complete holocaust of the young seedlings inevitably follows between November and June.

"Thus the regeneration of our scrub forests resolves itself exclusively and entirely into a question of getting rid of the grass for a few years, and the only practicable way of attaining such a desirable consummation is to admit the nomadic cultivator as our indispensable helpmate... Sceptics have only to examine the numerous object lessons still afforded by fields abandoned within the last 20 years, many of which are covered with an impenetrable thicket of saplings and young poles of teak, tinsn, &c., than which nothing could be finer."

24. The above remarks have received further corroboration from special observation recently made in the Melghat. Until a few months ago the belief had prevailed in Berar, and had never been questioned, that the excellent young teak to be met with in the Bairagarh Reserve was non-existent before, and is the direct outcome of protection against fire commenced 30 years ago, and the stoppage of squatter cultivation some years later. Indeed, it has only quite recently been asserted that experience in the Melghat has proved that such protection must be continued for a period of 20 years before the conditions necessary for the successful reproduction of teak are brought about. The Bairagarh and Gughamal reserves were carefully examined last hot weather with a view to their verification. It was found (i) that the youngest teak plants are not less than 10 years old, and that with scarcely an exception these have come up only where the soil had been disturbed from some cause or other (cultivation, terracing for building, grazing, &c.), so that there was no close and heavy growth of grass to prevent the seeds from reaching the soil and germinating, and the seedlings thus produced from surviving; and (ii) that the first appearance of the vast majority of saplings dates back to the time when squatter cultivation had not yet been excluded or had only just been stopped, so that the soil had not yet come under the undisputed régime of grass, and was hence still in a more or less fit condition to receive the teak seed. What appears to be a seedling a few years old (say about 20 inches high and 1½ inches in girth at the base) will when dug out disclose a thick round swelling just below the level of the root collar, and the average number of rings to be counted on a section through this swelling is 1.1, showing that as many years have elapsed since the establishment of the plant, i.e., at least 20 years since the parent seed germinated. When a sufficient number (at least 1,000) of young teak saplings have been dug out and measured and their rings counted, a special report will be submitted which will place beyond cavil the conclusions just recorded.

25. Where the bamboos seeded in 1900 and 1901 a sufficient crop of seedlings has come up.

(b) ARTIFICIAL REPRODUCTION.

26. With the exception of the resowing of the babul coupes of the year and the failures of previous years, the operations undertaken were not such as should have been attempted, and have accordingly given no results. In the Loni-Bhongaon babul forests the sowings were, as in previous years since the present working-plan was sanctioned, a complete failure owing to the exclusion of grazing; the babul seedlings which came up were choked to death by the dense mass of weeds. From next year grazing will be allowed. Elsewhere grazing not having been excluded, the results have been satisfactory. For figures see appended Forests.

27. From an examination of the Sipna valley teak plantations it is evident that a considerable area that was unsuitable for teak was planted up; also that it was a mistake to put down pure teak which was bound to form an over-congested growth at an early age, and at the same time to offer considerable difficulty to thinning operations. See also the immediately following paragraph.

(c) EXPERIMENTS.

28. Experimental thinnings were carried out in the teak plantations in the Sipna valley. As the results will only begin to be apparent next year, no remarks on the subject will be made in the present report.

(d) OPERATIONS FOR THE IMPROVEMENT OF THE GROWING STOCK.

29. *Thinnings.*—These operations were confined to babul forests. Early thinnings were made in young crops over an aggregate area of 519 acres in Loni, and a heavy thinning

amounting almost to a seed falling over 0 acres in Akhatwara. The yield was as follows:—

Early thinnings (Loni)	... 50,085 stacked cubic feet.
Final thinnings (Akhatwara)	... 140 tons.

30. *Cutting back badly grown young stock for an improved regrowth.*—Half-dead trees were sent over in the areas open to felling in the Bairagarh Reserve, Ellichpur Division, and in the Pathret Reserve, Wau Division, while in Amracti 514 acres of scrub were gone over in the Chirori Reserve. The cultural results can only be reported next year.

SECTION V.—EXPLOITATION.

A.—SYSTEM OF EXPLOITATION.

(i) Of Major Forest Produce.

31. In the Ellichpur Division the sanctioned working-plan was adhered to in the Gughat forests, whereas in Bairagarh, owing to the necessity of disposing of the dead and dying trees throughout the reserve (see paragraph 19 above), the coupes of the year were, with the permission of the Local Government, closed to regular exploitation, and the removals were confined to those trees alone.

32. In the Loni-Bhongaon babul forests of the Baldana Division the prescriptions of the working-plan were carried out.

33. In the Penganga Reserve, Raisim Division, besides exploiting in accordance with the working-plan, dead and dying trees had also to be utilized from every part of the forest.

(ii) Of Minor Forest Produce.

34. There was no change of system, and no special remarks are here called for.

B.—OUTLINE.

35. *By Departmental Agency.*—Although such agency has been annually employed, the fact has never before been recorded. What has been thus collected for sale has been included among produce removed directly from the forests by purchasers, while the large quantity of gross delivered at cost price every year to the Military Department at Ellichpur, and the timber, bamboo, and grass used in the construction and repair of Government buildings, &c., have been altogether omitted. Following the practice of previous years the divisional reports again return inaccurate and incomplete data, from which, however, merely as a commencement the following statement has been compiled. Obviously no comparison with previous years is possible:—

Major Produce.

Timber in the rough, logs	... c.ft. 25	Partly for petty local sales to Public Departments in the Ellichpur Division, and partly for utilization of otherwise almost unmarketable trees at Pathret in the Wau Division.
Do. poles	... 3,416	
Sawn or squared timber	... 245	
Firwood	... " 49,005	

Minor Produce.

Bamboos	... No. 10,812	For local sales to Public Departments in Ellichpur Division.
Podder grass	... Tons 653	Supplied to Military Department at Ellichpur at cost price.
Thatching grass	... lbs. 9	Repair of forest houses.
Lac	... Tons 45	Melghat Forests, Ellichpur Division.
Hilda	... " 8	

36. *Direct Removals by Purchasers.*—The following are comparative figures for the past two years. Those for 1900-01, however, include some timber and bamboos and a considerable quantity of grass (see immediately preceding paragraph) exploited departmentally. Except for the number of bermboos and of cattle grazed, the figures are hardly even approximate.

Description of produce.	1900-01.	1901-02.	More or less 1901-02.	Cause of increase or decrease.
Major Produce.				
Timber in the rough, logs. c ft..	7,404	8,160	- 4,244	A considerable portion of what appears as poles were really logs, and there was incense under both heads owing to the numerous dead and dying teak trees that had to be utilised as quickly as possible.
Do. poles .. "	8,68,789	459,880	+ 90,591	
Sawn or squared timber .. "	64,052	169,285	+ 105,183	Old and stagnating teak trees were utilised at Pathretan Wya Division.
Miscellaneous timber .. "	1,964	3,122	+ 1,168	
Fuel .. "	1,507,329	1,961,928	+ 454,599	Establishment of cotton ginning factories within access of large blocks of State-forests.
Minor Produce.				
Bamboo, ... No.	2,018,378	2,728,597	+ 715,219	Returning prosperity after famine.
Grazing { Camels .. "	3	105	+ 102	
{ Buffaloes .. "	56,278	79,304	+ 23,026	Increase after the heavy losses by famine and drought.
Cows and bullocks .. "	294,668	423,368	+ 128,700	
Goats and sheep .. "	1,84,511	313,346	+ 128,835	
Other animals .. "	892	1,515	+ 623	
Fodder grass ... Tons.	* 38,374	58,480	+ 18,056	Probably includes also tikhari and thatching grass.
Roots, edible fruits, and flowers .. "	2,584	1,026	- 1,508	
Leaves .. "	† 5,158	607	- 4,546	Evidently an exaggeration.
Gum Lae .. lbs.	624	41	- 583	
Lae .. lbs.	† 5,098	180	- 4,913	This figure was shown as tons in the previous report, but obviously stands for lbs.
Hilda .. Tons.	50	...	- 50	Departmental exploitation in 1901-02.
Tikhari grass for oil.. .. "	|| ...	993	+ 998	|| This was included under fodder grass in 1900-01.
Thatching grass .. .. "	|| ...	11	+ 11	
Minerals "	406	19,048	+ 15,042	Development under systematic management.
Miscellaneous { Thorns .. "		1,286		
{ Horns .. "		1		
Honey and wax .. "		... 1	+ 7,747	This figure shown as tons in the previous year's report was evidently an exaggeration.
Bark .. "		5		
Miscellaneous "		180		

The timber consisted as usual exclusively of teak; other species are either not marketable or do not attain the dimensions of timber.

87. *Free removals by Privilege-holders.*—The following comparative figures are given for what they are worth, being for the most part pure guesses, as it is impossible to check the hundreds of thousands of petty removals from over several thousand isolated patches of forest

scattered over the whole extent of the province—removals effected without passes, and at various times suiting the convenience of the privilege-holders. Comments explanatory of increases and decreases, as the case may be, would thus be useless:—

Description of produce.		1900-01.	1901-02.	More or less in 1901-02.
<i>Major Produce.</i>				
Timber	c.ft.	203,829	208,577	+ 4,748
Fuel	"	924,306	935,872	+ 11,566
<i>Minor Produce.</i>				
Bamboos	No.	1,277,810	1,282,810	+ 5,000
Grazing	Rs.	70,789	65,458	- 5,331
Grass	"	1,742	1,591	- 151
Other minor produce	"	9,389	9,144	- 245

38. *Special free grants.*—The quantities given away during the two past years are compared, and the reasons for increase or decrease, as the case may be, explained below:—

Description of produce.	1900-01.	1901-02.	More or less in 1901-02.	Cause of increase or decrease.
<i>Major Produce.</i>				
Timber in the rough, poles	c.ft.	8,372	11,395	+ 3,023
Sawn or squared timber	"	545	515	- 30
Miscellaneous timber	"	1,381	1,381	
Fuel	"	1,061	672	- 392
<i>Minor Produce.</i>				
Bamboos	No.	98,125	22,050	- 76,075
Camels	"	12	...	12
Buffaloes	"	7,918	593	- 7,025
Cows and bullocks	"	85,197	6,751	- 29,446
Sheep and goats	"	12,007	40	11,967
Other animals	"	611	...	611
Fodder grass	Tons.	16,477	3,597	- 12,880
Roots and fruits	"	...	10	+ 10
Leaves	"	189	...	189
Thatching grass	"	...	112	+ 112
Minerals	"	...	91	+ 94
Dark	"	...	3	+ 3

39. *Value of produce removed free.*—This is value of produce entered in the two immediately preceding statements as removed during 1901-02, and is thus estimated:—

Removed by:	Timber,		Fuel,		Bamboos,		Grass and fodder.		Other minor produce.	Total value.
	c.ft.	Rs.	c.ft.	Rs.	No.	Rs.	Rs.	Rs.	Rs.	
Privilege-holders ...	203,577	55,285	935,872	16,087	1,282,810	20,050	67,019	0,114	197,621	
Special free grants ...	19,321	515	672	10	22,050	173	3,692	238	4,903	
Total ...	221,898	56,130	936,514	46,103	1,304,950	20,228	70,741	9,353	204,584	

40. The figures in the statements given in paragraphs 35—39 above are here summarised:—

Description of produce.	Quantity.	Sources.
<i>Major Produce.</i>		
Timber in the rough, logs ... c.ft.	3,158	From A Class forests only.
Timber in the rough, poles ... "	474,191	From all classes of forests, but mostly from A.
Sawn or squared timber ... "	170,025	From A Class forests only.
Miscellaneous timber ... "	213,080	Chiefly from C-III Class forests,
Fuel "	2,947,137	
<i>Minor Produce.</i>		
Bamboos ... No.	4,013,769	A Class forests.
Camels ... "	105	"
Buffaloes ... "	80,281	"
Grazing ... Cows and bullocks "	718,403	Principally O Class forests.
Sheep and goats "	318,542	"
Other animals ... "	1,571	"
Grass, fodder ... Tons.	62,271	Principally B Class forests.
Do thatching ... "	125	Do A do.
Do tikkuri ... "	993	Do A do.
Lac ... lbs.	228	A Class forests.
Hilda ... Tons.	8	All classes of forests.
Roots and edible fruits and flowers ... "	1,076	C Class forests.
Leaves ... "	607	
Gum ... "	41	
Thorns ... "	1,286	
Horns ... "	1	
Bark ... "	8	
Minerals ... "	10,142	O Class forests.
Miscellaneous ... "	150	

Chapter III.—Financial Results.

41. In the subjoined statement the receipts and expenditure of the year are compared with those of the previous year and with the averages of the five preceding years:—

Year.	Receipts	Expenditure.			Surplus.
		Under A heads.	Under B heads	Total	
Average of 1896-97	Rs.	Rs.	Rs.	Rs.	Rs.
—1900-01	4,27,897	93,759	1,46,806	2,89,695	1,88,212
1900-01	3,71,145	81,526	1,66,605	2,89,031	1,03,114
1901-02	4,89,487	69,886	1,42,041	2,11,926	2,74,511

The gross revenue of the year under report is the fourth largest ever realised, while the net revenue has been exceeded only twice. Considering that the immediate pressure of famine had ceased only a year previously and that the aggregate value of produce given away free exceeded two lakhs (i.e., fell short of the amount given away free during the last famine year by less than Rs. 16,000), the results obtained must be considered eminently satisfactory.

The following comparative analysis of the year under report and of the three years in which the gross revenue was higher will be found interesting :—

Percentage on gross revenue of	1890-91	1891-92	1895-96	1901-02	Cause of increase or decrease and other remarks.
Revenue from major produce.	45	42	34	44	
Revenue from minor produce.	55	57	65	54	The increase in the percentage for revenue from major produce is a healthy sign, and there is every prospect of its being maintained.
Expenditure under A-VII ...	3.0	3.7	3.0	2.4	Decrease due to limitation of expenditure to absolutely indispensable and urgent needs.
Do do A-VIII-f.	1.5	1.6	2.8	3.1	Steady increase due to extension of areas as well as to increasing difficulty of procuring labour for fire-tracing owing to simultaneous demand for it in the fields.
Do do A-VIII-f.	2.3	2.6	5.0	4.2	The figure is still too low for sylvicultural needs.
Do do B-I ...	16	16	22	24	Increased staff sanctioned since 1895-96.
Net revenue ...	65	61	54	57	These percentages all exceed what is considered sufficient, viz., 50

42. The amount of revenue outstanding at the close of 1901-02 is Rs. 13,461-12-3 as against *nihil* shown for 1890-01. Until the year under report the only revenue entered in column 6 of Form 9 (Form 7 was never used, as sales of departmentally exploited produce were invariably, as stated in paragraph 33 above, recorded in Form 9) was what was actually realised during the month in question, so that outstandings (and these were always many) were never brought into account, and Form No. 10 was accordingly always blank and never submitted by Divisional Officers.

43. Departmental operations, although undertaken to a less or greater extent every year, were, until the year under report, never treated as such, and both the revenue and expenditure were classified under Major Head II instead of I. Also see paragraph 35 above. As the prescriptions of the Forest Department Code are now followed, undisposed of produce on hand is shown for the first time (Form No. 60-A).

Chapter IV.—Administration.

44. Mr. Bagshawe resumed charge of the circle from Mr. A. L. McIntire, Officiating Conservator, on 9th August 1901, and resigned it to the writer of this report on 21st November after a service of just over 32 years, during which he earned the special thanks of Government on several occasions and a well deserved reputation for careful administration in close sympathy with the people.

45. *Relations between Revenue and Forest Officers.*—The most important event of the year was the change in the relations between Revenue and Forest Officers introduced by Keridwen Book Circular No. X, dated the 15th May 1901, which has superseded Book Circular No. IX, dated the 26th July 1898. Under this latter circular the Conservator could not communicate direct with Divisional Officers, all official correspondence being only with the Deputy Commissioners. By the new circular direct communication has been established between the Conservator and the Divisional Officers, letters on certain specified subjects passing under flying colour through the Deputy Commissioners. The status of Divisional Officers has thus been considerably improved.

46. *Reorganisation of the Clerical Staff.*—Another event of capital moment was the introduction from 1st April last of the new scale of clerical establishments sanctioned by Revenue and Agriculture Department letter No. 51-F., dated the 3rd January 1901. It is now possible to allot a clerk to every important range, and thus enable the Range Officer to devote more time and attention to his out-door work.

47. *Sacrifice of Officers.*—All officers did their best, and it would be injurious to single out individuals for special praise. The eminently satisfactory results attained constitute the best criterion of the high value of the services rendered by them individually and collectively.

48. *Conduct of the Executive, Protective, and Clerical Staff.*—Referenced to Appendix C will show that there is much room for improvement among members of the Executive and

Protective establishments and office orderlies. The Ranger who was dismissed was found guilty of, among other offences, borrowing money from the patel of the village in which his head-quarters were fixed and cultivating without permission land situated in the same village, and impressing the villagers' bullocks for such cultivation. It is certain that a large proportion of the out-door staff are given to the irregular practice, and the utmost vigilance is called for from Divisional Officers to suppress them. The clerks in the Divisional offices, including the Direction Division, although they are a hard-working body of men, have still much to learn in the matter of procedure and ordinary routine.

49. *Casualties.*—The year was on the whole a healthy one, and we have to record only three deaths, all of Forest guards. One Deputy Ranger and one Forester whose health had been failing for some time were invalidated.

50. *Inspection of Divisional Officers.*—All Divisional officers were inspected during the year.

Chapter V.—General.

51. *Criminal suit.*—A patel, who was also one of our licensed dealers, sold and appropriated to himself trees from State forest, partly outside and partly in his village. He was prosecuted and punished with imprisonment. Appeals made by him both to the Sessions Court and to that of the Judicial Commissioner were rejected. On return from prison he was dismissed from the patelship.

52. *Elephants.*—Owing to financial pressure the Ellibpur Division elephant, which died some years ago, was still not replaced. There were thus only two elephants in the circle attached respectively to the Direction and Wun Divisions.

53. *Leases for the extraction of Timber Goods Oil.*—Instead of giving the lease for the Ellibpur Division as heretofore to a single individual or firm, the Revenue for the year 1902-03 divided off into ten convenient blocks, each of which was put up separately to auction in March last. A spirit of competition was thus created, and the total of the bids accepted amounted to Rs. 8,050 as against Rs. 4,500 received at the auction of 1901-02. There is now a steady demand for such leases also in the Wun and Aravali Divisions, although the grant does not cover a large aggregate area there, and for the first time it is given. In the Wun Division has been leased for 1902-03 for Rs. 150, exclusive of the price which will be paid by the lessee for the fuel used by him at his stables. In the leases in other divisions the price of the wood is included in the lease money.

54. *Disforestation of the Chikaldia Station Block.*—The area occupied by Chikaldia Station (837 acres), which was declared State-forest in 1900, was disforested during the year in order to place it exclusively under the control of the Revenue authorities.

55. *Valuation of Trees standing on Society No. 11 being cut up for Cultivation.*—In the Basim and Wun Divisions, where large areas of arid land will remain to be occupied, the trees on land to be allotted are counted by Forest officials and their value is calculated in accordance with a tariff drawn up by the Committee in the money received going to the Revenue Department. In Wun the areas are extensive, and as the work has hitherto to be done on a large scale, temporary labourers are employed for this purpose, their salaries being recovered from the Revenue Department.

56. *Improvement of the Water-supply in the Melghat.*—We have to thank the Public Works Department for considerable help rendered in improving the supply of potable water in the Melghat. We constructed at their expense 15 new wells for an aggregate outlay of Rs. 1,010.6.2 and effected repairs costing Rs. 191.4.2. *E. P. FERNANDEZ,*

Controller of Forests, Hyderabad Districts.

APPENDICES.

TOR

(14)

ANNUAL FORM NO. 40.—(PREScribed).—Area of

Division.	Range.	Civil district.	Name of forest.	Area on 1st July 1901.		Added during the year.
				Acre.	Equivalent in square miles.	
Ellichpur Division.	Chikaldo	Ellichpur district	CLASS A, Division II.— Timber and Fuel Reserves. Chikaldo Reserve	28,607	87	...
	Gughamal	Akola do	Narnala	...	...	(b) 4,579
	Various	Ellichpur do	Remaining A forests	473,743	735	...
	Ellichpur	Ellichpur district	Total A	498,310	775	4,579
	Various	Do.	CLASS B.—Grass Reserves (Rumnaas).	95	...	...
	Ellichpur	Ellichpur district	Ellichpur taluk	3,592	0	...
	Akot	do	Remaining B forests	3,657	6	...
	Various	Ellichpur do	Total B	3,657	6	...
	Morsi-Warur	Amraoti district	CLASS C.—Pasture Reserves.	21,131	63	...
	Morsi-Bairam	Dp.	Ellichpur taluk	...	...	(c) 2,939
Amraoti Division.	Chandur	Do.	Akot do	...	...	...
	Various	Ellichpur do	Remaining C forests	460,086	730	...
	Morsi-Bairam	Ellichpur district	Total C	487,820	763	2,859
	Various	Amraoti do	Total Ellichpur Division	997,817	1,514	6,618
	Morsi-Warur	Amraoti district	CLASS A.—Timber and Fuel Reserves.	2,170	5	...
	Morsi-Bairam	Dp.	Lakhaba Reserve	...	...	(a) ... 128
	Chandur	Do.	Morsi taluk	1,880	2	(b) ... 1,955
	Various	Do.	Chandur do	30,455	48	(c) ... 3
	Morsi-Bairam	Ellichpur district	Remaining A forests	35,014	55	2,091
	Various	Amraoti do	CLASS B.—Grass Reserves (Rumnaas).	...	...	(d) ... 18
			Ellichpur taluk	16,311	25	...
			Remaining B forest	16,311	25	18
			Total B	16,311	25	...

ESTS.

State-forests in 1901-02 (Forest year).

Excluded or transferred to other heads.	Area on 30th June 1902.		No. and Date of Notification of addition or transfer, &c.	Remarks.
	Acres.	Acres. Equivalent in square miles.		
(a) 637	22,930 ³	86	(a) No. 52, dated 13th April 1902. No. 53, dated 13th April 1902.	A. g. 638 37 Chikalda Station Block disforested.
...	4,579	7	(b) No. 359, dated 19th November 1901. No. 315, dated 4th November 1901.	4,197 31 Transferred from Buldana Division. 391 24 Transferred from C to A Narale State-forest.
...	472,743	738		4,579 15
637	500,252	781		
(c) 18	77	...	(c) No. 376, dated 18th December 1901.	18 11 Transferred to Amrati Division.
...	3,502	6		
18	3,669	6		
(d) 10,931	10,203	16	(d) No. 376, dated 18th December 1901.	10,931 18 Transferred to Amrati Division.
(f) 392	1,517	3	(e) No. 199, dated 4th June 1901. (f) No. 345, dated 4th November 1901.	2,298 20 Transferred from Buldana Division. 391 24 Transferred to A Narale State-forest.
...	466,680	730		
11,343	478,736	719		
11,975	982,657	1,536		
...	3,807	5	(a) No. 231, dated 5th July 1901..	127 37 Transferred from U.I.
...	1,955	8	(b) No. 8, dated 15th January 1902.	1,954 25 Transferred from C-I, Babul babs and grazing land.
...	1,368	2	(c) No. 158, dated 19th June 1902.	8 10 Transferred from C-I, Babul babs.
...	30,455	48		
...	37,103	59		
...	18	...	(d) No. 376, dated 18th December 1901.	18 11 Transferred from Ellichpur Division.
...	16,311	25		
...	16,328	25		

ANNUAL FORM NO. 46.—(PREScribed).—Area of

Division.	Taluk.	Civil District.	Name of forest.	Area on 1st July 1901.		Added during the year.
				Area.	Equivalent in square miles.	
Amraoti Division—contd.						
			CLASS C.—Pasture Reserves.			
	Chandur taluk ...	Amraoti district ...	Chandur taluk ...	32,578	51	...
	Morsi-Bairam ...	Do. ...	Morsi do ...	44,278	69	...
	Do. ...	Eliachpur district ...	Baitam grazing forest	...	...	(g) 10,931
Various	Do. ...	Amraoti do ...	Remaining C forest	28,069	44	...
			Total C ...	1,04,925	164	10,931
			Total Amraoti Division ..	1,56,250	214	18,040
Buldesan Division.						
CLASS A.—Timber and Fuel Reserves.						
Ghat Bori ...	{ Akola district ... Do ... Buldana district... Basim do ...}	Ghat Bori.	Balapur taluk. Khangaon do... Mehkar do... Basim do...	31,937 481 19,850 853	{ 82	...
Ambabarwa ...			Jalgaon do ... Meleghat do ...	18,153 21,276	{ 55	...
Morna ...			Morna Akola do ... Balapur do ...	16,283 11,070	{ 25 17	(d) 6,826
Medsi ...			Medsi ... Basim district ... Basim do ...	...	...	(e) 7,155
Chikhli-Mehkar...	Basim do ...	Mohoja, Basim taluk ...	...	...	...	(g) 2,109
Purna ...	Akola do ...	Loni-Bhonggaon.	{ Akola taluk. Balapur do... Khangaoon do ...	492 559 1,938	{ 5	...



ESTS.

State-forests in 1901-02 (Forest year)—continued.

Excluded or transferred to other heads.	Area on 30th June 1902.		No. and date of Notification of addition or transfer, &c.	Remarks.
	Acre.	Acre. Equivalent in square miles.		
(e) 8	39,570	51	(e) No. 159, dated 19th June 1902.	A. R. 8 18 Transferred to A.
(f) 2,104	42,174	66	(f) No. 8, dated 15th January 1902. No. 231, dated 5th July 1901. No. 207, dated 29th July 1901.	1,954 26 Transferred to A. 127 37 Transferred to A, Lakhara Reserve. 21 18 Disforested.
				<u>2,108 85</u>
...	10,981	17	(g) No. 376, dated 18th December 1901.	10,981 18 Transferred from Ellichpur Division.
...	23,069	44		
<u>2,112</u>	<u>113,714</u>	<u>178</u>		
<u>2,112</u>	<u>207,178</u>	<u>161</u>		
...	31,937	82		
...	484			
...	18,880			
...	1,177		(e) No. 150, dated 16th June 1902. No. 152, dated 16th June 1902.	152 12 Transferred from C-I, Basim Division.
				171 25 Do C-II, do.
				<u>323 87</u>
...	18,158	55	(b) No. 133, dated 25th April 1896.	1 0 Area less shown in last year's report.
...	21,277		(c) No. 190, dated 4th June 1901.	16,233 30 Transferred to Malegaon Range, Basim Division.
(c) 10,283	...	...	(d) No. 199, dated 4th June 1901. No. 312, dated 18th December 1900.	5,771 84 Transferred from Basim Division. 460 33 Less shown in last year's report.
...	17,396	38		93 0 Difference of Kosegaon less shown.
				<u>6,325 32</u>
(f) 4	7,151	27	(e) No. 151, dated 16th June 1902. No. 158, dated 16th June 1902. No. 199, dated 4th June 1901.	87 31 Transferred from C-I, Basim Division. 1,273 6 Do C-II, do. 5,709 30 Do Basim Division.
			(f) No. 147, dated 16th June 1902.	4 0 Disforested.
...	2,109	8	(g) No. 190, dated 4th June 1901.	2,108 31 Mohoja Reserve transferred from Basim Division.
...	492	4		
...	559			
...	1,946			

FOR

ANNUAL FORM No. 46.—(PREScribed).—Area of

Division.	Range.	Civil district.	Name of forest.	Area on 1st July 1911.		Added during the year.
				Acre.	Equivalent in square miles.	
			CLASS A.—Timber and Fuel Reserves—contd.			
Jalgaon	... Akola district	... Jalgaon	Khamgaon taluk Jalgaon do... Akot do...	.199 1,818 .320	{ 3	... ... (h) 4,188
Geru Matergaon	Buldana do	... Geru Matergaon	...	64,831	101	(j) 3,194
Amdari	Do	... { Amdari Gumi	...	28,057 5,945	45 9	(f) 122 (n) 414
			Total A ...	218,209	341	23,833
			CLASS B.—Grass Reserves. (Runus).			
Parna	... Akola district	... Akola taluk	...	5,800	8	...
Chikhli	Buldana do	... Chikhli do	...	1,105	9	...
Mehkar	Do	... Malkapur do	...	290	...	...
Various	... Akola and Buldana districts.	Remaining B forests	...	3,804	7	...
		Total B ...		10,589	17	...
			CLASS C.—Pasture Reserves.			
Akola taluk	Akola district	... Akola taluk	...	97,679	44	...
Balapur do	Do	... Balapur do	...	9,130	14	(e) 724

Buldana Division—continued.

ESTS.

'State-Forests in 1901-02 (Forest year)—continued.

Excluded or transferred to other lands.	Area on 30th June 1902.			No. and date of Notification of addition or transfer, &c.	Remarks.
	Acre.	Acre.	Equivalent in square miles.		
(i) 4,188	199 1,318 826	1,318	8	(A) No. 344, dated 4th November 1901. No. 375, dated 18th December 1901. (i) No. 359, dated 18th November 1901.	4,187 31 Government land newly added. Transferred to Ellichpur Division.
(k) 41	67,984	106		(j) No. 240, dated 9th July 1901. No. 297, dated 30th August 1901. No. 245, dated 9th July 1901. No. 249, dated 9th July 1901.	126 36 Government land newly added. 26 12 Transferred from C.I. 3,040 21 Do Amdari A.
					3,193 29
(m) 3,041	25,738 6,359	40 10		(l) No. 250, dated 9th July 1901. (l) No. 241, dated 9th July 1901. No. 298, dated 30th August 1901. No. 244, dated 9th July 1901.	41 7 Correction of area. 98 30 Government land newly added. 23 5 Transferred from C.I.
					121 35
				(n) No. 249, dated 9th July 1901. (n) No. 247, dated 9th July 1901.	3,010 21 Transferred to Geru Matergaon State-forest A. 414 15 do from B.
23,557	218,485	341			
(o) 607	4,603	7		(o) No. 198, dated 4th June 1901.	608 23 Transferred to Malegaon Range, Basim Division.
(p) 414	4,211	7		(p) No. 247, dated 9th July 1901.	414 17 Transferred to A.
(q) 233	57	...		(q) No. 246, dated 9th July 1901.	232 31 Transferred to C.I.
...	3,864	7			
1,254	9,335	15			
(r) 10,863	11,606	18		(r) No. 199, dated 4th June 1901.	10,863 8 Transferred to Malegaon Range, Basim Division.
(s) 114	9,710	15		(s) No. 199, dated 4th June 1901.	724 17 Transferred from Basim Division.
				(t) ...	112 0 Excess shown in last year's report. 2 0 Due to fraction.
					114 0

FOR

ANNUAL FORM NO. 46.—(PRISONERED).—Area of

Division.	Range.	Civil district.	Name of forest.	Area on 1st July 1901		Added during the year.
				Acre.	Equivalent in square miles.	
CLASS C.—Pasture Reserves—contd.						
Akot taluq ...	Akola district ...	Akot taluq ...		2,610	4	...
Basim do ...	Basim do ..	Basim do ...		940	2	(c) 8,010)
Chikhli do ...	Buldana do ...	Chikhli do ...		46,177	73	(c) 56
Mehkar do ...	Do ..	Mehkar do ...		31,225	49	...
Malkapur do ...	Do ..	Malkapur do ...		2,508	13	(a) 276

ESTS.

State forests in 1901-02 (Forest year)—continued.

Excluded or transferred to other heads.	Area on 30th June 1902.		No. and date of Notification of addition or transfer, &c.	Remarks.
	Acres.	Equivalent in square miles.		
(u) 2,299	401	1	(s) No. 193, dated 4th June 1901.	A. 2,298 26 Transferred to Elliehpur Division.
(v) 5,301	3,649	6	(t) No. 199, dated 4th June 1901.	102 2 (C-I) Transferred from Basim Division.
				3,368 1 (C-II) (Area of 10 villages, Mohoja Reserve.)
				243 26 (C-I) Transferred from Basim Division.
				4,395 39 (C-II) Transferred from Basim Division, Medsi Reserve.
				8,009 28
			(w) No. 145, dated 16th June 1902.	2,912 14 Disforested.
			No. 146, dated 16th June 1902.	82 2
			No. 148, dated 16th June 1902.	461 1
			No. 149, dated 16th June 1902.	170 27
			No. 150, dated 16th June 1902.	152 12
			No. 151, dated 16th June 1902.	87 31
			No. 152, dated 16th June 1902.	171 25 Transferred to J.
			No. 153, dated 16th June 1902.	1,273 6
				5,300 38
(y) 1,402	44,831	70	(x) No. 243, dated 9th July 1901.	55 29 Government land newly added.
			No. 300, dated 30th August 1901.	
			(y) No. 283, dated 9th July 1901.	1,111 39
			No. 289, dated 9th July 1901.	268 36 Disforested.
				21 0 Correction of area.
				1,401 35
(z) 451	30,774	48	(z) No. 296, dated 9th July 1901.	450 34 Disforested.
(u) 786	7,998	12	(n) No. 242, dated 9th July 1901.	
			No. 299, dated 30th August 1901.	43 25 Government land newly added.
			No. 246, dated 9th July 1901.	232 31 Transferred from B.
				276 16

FOR

ANNUAL FORM NO. 46.—(PREScribed).—Area of

Division	Range.	Civil district	Name of forests	Area on 1st July 1001.		Added during the year.
				Acres.	Equivalent in square miles.	
Buldana Division—cont'd.			CLASS C.— <i>Pasture Reserves</i> — contd.			
Various	..	Akola and Buldana districts.	Remaining B forests ..	30,984	48	..
			Total C ..	157,251	247	9,086
			Total Buldana Division ..	386,049	605	32,899
Basin Division.			CLASS A.— <i>Timber and Fuel Reserves</i> .			
Kinwat	..	Basim district	Kinwat Reserve ..	112,587	176	(a) 838
Medsi Basim	... {	Do Akola district	Medsi Reserve { Basim taluk ... Balspur do.	5,794 6,238	18	{ ...
	Basim do	Mohoja Reserve ..	9,109	3	...
Penganga	..	Do	Gangamal Reserve ..	7,455	12	(d) 906...
Mangrul	..	Do	Palodi Reserve ..	6,690	11	(e)
Malegaon	..	Akola district	Morna Reserve ..	...	...	(f) 16,284
Various	..	Basim do	Remaining A forests ..	34,804	54	...
			Total A ..	175,472	274	17,521
			CLASS B.— <i>Grass Reserves</i> — (Razznas).			
Malegaon	..	Basim district	Akola taluk ..	...	...	(g) 607
Various	..	Do	Remaining B forests ..	12,373	19	...
			Total B ..	12,373	19	607
			CLASS C.— <i>Pasture Reserves</i>			
Basim	..	Basim district	Basim taluk ..	78,700	115	...

ESTS.

State-forests in 1901-02 (Forest year)—continued.

Excluded or transferred to other heads.		Area on 30th June 1902.		No. and date of Notification of addition or transfer, &c.	Remarks
Acre.	Acre.		Equivalent in square miles.		
..	30,904	48	(b) No. 237, dated 9th July 1901. No. 244, dated 9th July 1901. No. 245, dated 9th July 1901.	736 15 23 5 26 12	Disforested. Transferred to A. 785 32
28,656	189,601	216			
51,467	367,481	574			
..	113,220	177	(a) No. 12, dated 18th January 1902. No. 88, dated 28th February 1902. (b) No. 199, dated 4th June 1901. (c) No. 199, dated 4th June 1901. (d) No. 202, dated 6th June 1901. No. 260, dated 15th July 1901. (e) No. 234, dated 26th August 1901. (f) No. 199, dated 4th June 1901.	838 8 5,793 30 6,232 32 2,108 31 903 23	Government land newly added. Medsi Range transferred to Buldana Division. Mohoja Reserve transferred to Buldana Division. Government land newly added. 0 10 Correction of area. 10,283 30 Transferred from Buldana Division.
14,186	178,857	280			
..	607	1	(g) No. 199, dated 4th June 1901.	603 23	Transferred from Buldana Division.
..	12,573	19			
..	18,930	20			
(h) 8,010	65,690	103	(h) No. 199, dated 4th June 1901.	345 28 7,064 0 (C-II)	(C-I) Transferred to Buldana Division. (C-II)
					8,000 28

FOR

ANNUAL FORM NO. 46.—(PRESCRIBED) Areas of

Division.	Range.	Civil district.	Name of forest.	Area on 1st July 1901.		Added during the year.
				Acre.	Equivalent in square miles.	
Penganga	...	Basim district	Pusad taluk ...	153,162	239	(i) 2,614
Basim Division—contd.	Mangrol	Do	Mangrol do ...	73,185	114	(E) ...
	Medsi	Akola district	Balapur do ...	724	1	...
	Malegaon	Do	Akols do ...	...	...	(r) 16,368
			Total C ...	300,771	469	18,977
			Total Basim Division ...	488,616	762	87,105
Wun Division.	All	Wun district	All Reserves ...	146,987	230	...
			Total A ...	146,987	230	...
	Wun	Wun district	Babapur, Wun taluk ...	1,597	2	...
	Various	Do	Mahakalpur, do Remaining B forests ...	673 " 11,243	18	...
			Total B ...	18,513	21	...
Circle	Wun	Wun district	Wun taluk ...	80,778	126	(e) 4,542
	Various	Do	Remaining C forests ...	269,856	421	...
			Total C ...	350,623	547	4,542
			Total Wun Division ...	511,128	798	4,512
	Circle	...	{ Total A ...	1,971,998	1,675	48,024
			{ Total B ...	56,473	88	1,025
			{ Total C ...	1,401,895	2,190	45,755
			Total Circle ...	2,529,860	3,953	94,404

ESTS.

State-forests in 1901-02 (Forest year)—concluded.

Excluded or transferred to other heads.	Area on 30th June 1902.		No. and date of Notification of addition or transfer, &c.	Remarks.
	Acres.	Acres.		
(j) 2	155,774	243	(e) No. 203, dated 6th June 1901. No. 261, dated 15th July 1901. (f) No. 354, dated 13th November 1901. No. 377, dated 21st December 1901.	2,613 82 Government land newly added. 2 7 } Disforested. 0 2 }
...	73,185	114	(g) No. 160, dated 19th June 1902.	2 9 0 10 Correction of area.
(l) 724	...	...	(i) No. 199, dated 4th June 1901.	724 17 Transferred to Buldana Division.
... "	16,363	26	(m) No. 199, dated 4th June 1901.	16,363 8 Transferred from Buldana Division.
8,736	311,012	486		
22,872	502,849	786		
...	146,987	230		
...	146,987	230		
(a) 1,597	...	...	(a) No. 314, dated 24th September 1901. No. 315, dated 24th September 1901.	755 21 Transferred to C.I. 841 0 Disforested.
(b) 673	11,243	18	(b) No. 315, dated 24th September 1901.	1,596 21 872 29 Disforested.
2,370	11,243	18		
(d) 8,188	82,177	128	(c) No. 314, dated 24th September 1901. No. 318, dated 24th September 1901. No. 346, dated 5th November 1901.	755 21 Transferred from B. 8,786 31 Government land newly added.
...	269,855	421	(d) No. 312, dated 24th September 1901.	4,542 12 3,138 10 Disforested.
3,188	352,032	549		
5,408	510,262	797		
38,880	1,081,686	1,890		
3,512	58,556	84		
51,965	1,995,185	2,180		
93,637	2,530,427	3,954		

Abstract of changes in State-forests, 1901-02.

			Gain.	Loss.	Net.	
					Gain.	Loss.
<i>State-forests A.</i>						
Government land newly added	...	...	5,050	...	...	...
Transferred from c-I	...	...	2,772	...	...	...
Do. c-II	...	...	1,445	...	...	...
Do. B	...	...	414	...	...	...
Area of Kosegaon A forest (Buldana Division) omitted from last year's report.			93	...	...	...
Correction of area	...	...	...	41	...	...
Disforested	...	...	...	641	...	...
	Total	...	10,574	682	9,892	...
<i>State-forests B.</i>						
Transferred to A	...	...	...	414	...	...
Do. C	...	...	...	988	...	...
Disforested	...	...	...	1,514	...	...
	Total	...	...	2,916	...	2,916
<i>State-forests C.</i>						
Transferred to A	...	...	...	4,217	...	...
Do. from B	...	...	...	988	...	...
Government land newly added	...	...	501	...	...	...
Area of Kosegaon C forest (Buldana Division) except shown in last year's report.			...	112	...	...
Correction of area	...	...	...	23	...	...
Disforested	...	...	...	0,840	...	...
	Total	...	7,489	13,698	...	6,209
	GRAND TOTAL	...	17,803	17,296	69,692	9,125
	Net	...	...	...	567	...

FORESTS.

Abstract of Form 46 showing area of State-forests in each Forest Division on the 30th June 1902.

Division	Name of taluk.	A Class.		B Class.		C Class.								Grand Total.		
						I.		II.		III.		Total.				
		Acres.	Sq.m.	Acres	Sq.m.	Acres	Sq.m.	Acres	Sq.m.	Acres	Sq.m.	Acres	Sq.m.	Acres.	Sq.m.	
Ellichpur.	Ellichpur	...	...	77	...	10,903	16	...	...	...	...	10,203	16	10,280	16	
	Daryapur	...	...	...	...	2,068	5	...	...	...	...	2,068	5	2,068	5	
	Melghat	...	495,678	774	5,593	6	...	...	...	...	463,723	725	463,723	725	962,988	1,505
	Akot	...	4,570	7	...	...	1,847	3	...	...	...	...	1,847	3	6,426	10
	Total	...	500,253	781	3,060	6	15,013	24	...	...	463,723	725	478,736	749	982,637	1,536
Amravati.	Amravati	...	4,210	7	2,112	11	17,274	27	...	...	...	...	17,274	27	30,506	43
	Chandur	...	9,123	14	1,451	2	32,570	51	...	...	...	...	32,570	51	43,153	67
	Momi	...	21,401	33	858	1	42,174	66	...	...	...	...	42,174	66	64,429	100
	Murtarapur	...	2,372	4	4,890	8	10,705	17	...	...	...	...	10,705	17	18,047	29
	Ellichpur	...	...	...	18	...	10,931	17	...	...	...	...	10,931	17	10,949	17
	Total	..	37,103	68	16,320	26	113,744	178	...	...	...	...	113,744	178	167,178	261
Buldhana.	Melghat	...	21,277	83	...	...	...	...	...	...	...	...	...	...	21,277	33
	Akola	...	492	1	4,693	7	11,306	18	...	...	...	...	11,306	18	16,491	26
	Balapur	...	49,692	78	98	...	9,740	15	...	...	...	...	9,740	15	59,730	93
	Khamgaon	...	2,629	4	2,528	6	7,569	12	...	...	...	...	7,569	12	12,726	21
	Jalgaoan	...	14,471	23	...	...	13,038	20	...	...	...	...	13,038	20	27,509	43
	Akot	...	826	...	186	...	401	1	...	...	...	...	401	1	913	1
	Chikhli	...	71,760	113	721	1	44,881	70	...	...	...	...	44,881	70	117,312	183
	Mehkar	...	18,930	30	1,053	2	41,131	64	...	...	...	...	41,131	64	61,063	95
	Malkapur	...	28,321	41	57	...	7,596	13	...	...	...	...	7,596	13	36,374	56
	Basim	...	10,437	16	...	...	281	1	8,368	5	...	...	8,368	5	14,086	22
	Total	..	218,456	941	9,325	16	130,293	213	8,378	5	...	...	130,661	218	367,491	574
Bairam.	Basim	...	2,625	4	172	...	14,983	23	50,807	60	...	...	65,690	103	68,487	107
	Pusad	...	145,671	223	8,306	13	79,394	124	76,110	119	...	...	155,774	243	309,610	485
	Mangrol	...	14,272	22	3,836	6	42,493	66	30,693	48	...	...	73,186	114	91,298	142
	Akola	...	10,285	23	607	1	16,363	26	...	...	...	...	16,363	26	33,254	52
	Total	..	178,887	290	12,090	20	159,073	239	157,910	247	...	...	311,013	486	502,549	788
Wan.	Yeotmal	...	35,110	55	1,106	2	64,254	100	...	...	...	...	64,254	100	100,770	157
	Dharwah	...	32,535	50	1,450	3	129,263	209	...	...	...	...	129,263	203	163,947	255
	Kelepur	...	60,532	95	2,626	4	76,339	110	...	...	...	...	76,339	110	180,497	218
	Wan	...	18,810	30	5,761	9	82,177	129	...	...	...	...	82,177	128	106,743	167
	Total	..	146,087	290	11,243	18	352,032	549	...	...	...	...	352,032	549	510,263	707
GRAND TOTAL...		1,081,689	1,090	53,556	81	770,151	1,203	161,908	232	403,723	733	1,395,185	2,160	2,530,197	3,954	

FORESTS.

Abstract of Form 46 showing area of State-forests in each district on the 30th June 1902.

District.	Name of Taluk.	A Class.		B Cast.		C Class.								Grand Total.	
						I.		II.		III.		Total.			
		Acres.	Sq.m.	Acres.	Sq.m.	Acres.	Sq.m.	Acres.	Sq.m.	Acres.	Sq.m.	Acres.	Sq.m.	Acres.	Sq.m.
Ellichpur	...	...	...	95	...	21,134	33	...	...	...	...	21,134	33	21,239	33
	Daryapur	...	...	...	...	2,963	5	...	...	...	...	2,963	5	2,963	5
	Melghat	516,949	807	3,592	6	...	...	...	...	463,723	725	463,723	725	981,264	1,538
	Total	516,949	807	3,687	6	24,097	38	...	...	463,723	725	487,890	763	1,008,456	1,576
Amracti	...	4,210	7	9,112	14	17,274	27	...	...	...	...	17,274	27	80,506	48
	Chandur	9,122	14	1,161	2	32,570	51	...	...	...	...	32,570	51	43,153	67
	Morsi	21,401	83	858	1	43,174	66	...	...	...	...	43,174	66	64,438	100
	Murtazapur	2,373	4	4,880	8	10,795	17	...	...	...	...	10,795	17	18,047	29
	Total	87,105	68	16,311	25	102,813	161	...	...	...	...	102,813	161	150,229	244
Akola	...	16,776	26	5,300	8	27,669	44	...	...	...	...	27,669	44	49,745	78
	Ralspur	49,892	78	98	...	9,740	15	...	...	...	...	9,740	15	50,730	93
	Khamgaon.	2,629	4	2,528	5	7,569	13	...	...	...	...	7,569	13	12,736	21
	Jalgaon	14,471	23	...	...	13,038	20	...	...	...	...	13,038	20	27,509	43
	Akot	4,905	7	188	...	2,348	4	...	...	...	...	2,348	4	7,539	11
	Total	89,673	138	8,112	13	60,264	95	...	...	...	...	60,264	95	157,049	246
Chikhli	...	71,760	112	721	1	44,581	70	...	...	...	...	44,581	70	117,312	183
	Mehkar	18,560	30	1,052	2	41,131	64	...	...	...	...	41,131	64	61,063	96
	Malkapur.	28,821	44	57	...	7,996	12	...	...	...	...	7,996	12	36,374	56
	Total	118,981	186	1,880	3	93,958	146	...	...	...	...	93,958	146	214,749	335
Basim	...	13,063	20	172	...	15,104	34	...	...	...	...	69,320	109	82,572	123
	Pusad	145,671	223	8,365	13	70,334	124	...	...	...	...	155,774	445	309,510	495
	Mangral	14,277	22	8,836	6	43,402	66	80,693	45	...	...	73,185	114	91,298	143
	Total	173,010	271	12,373	19	186,990	214	161,308	253	...	...	208,298	466	683,081	766
Yeolmal	...	35,110	55	1,403	2	64,354	100	...	...	...	...	64,354	100	100,770	157
	Darwaha	32,535	50	1,450	3	120,263	203	...	...	...	...	120,263	203	163,247	255
	Kelapur	60,533	95	2,026	4	76,339	110	...	...	...	...	76,339	110	139,497	218
	Wan	18,810	30	5,701	9	82,177	128	...	...	...	...	82,177	128	106,749	167
	Total	146,987	230	11,543	18	362,032	549	...	...	...	...	325,032	549	510,262	797
GRAND TOTAL		1,081,686	1,620	63,556	84	770,154	1,203	161,303	252	463,723	795	1,395,185	3,160	2,530,427	3,954

FORM No. 48.

1251-S-(R,A.E.)

FOR

Division.	(1)	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.
		(2)	(3)	(4)	(5)
	Miles.	Miles.	Miles.	Miles.	
Ellichpur	... { S. F. A. ...	...	157	9	186
	{ S. F. B. ...	...	...	4	4
Total		...	157	19	170
Amraoti	... { S. F. A. ...	...	99	8	107
	{ S. F. B. ...	...	...	31	31
Total		...	99	39	138
Buldana	... S. F. A. ...	148	242	887	777
Basim	... S. F. A. ..	...	235	35	270
Wun ...	... { S. F. A. ...	17	382	...	379
	{ S. F. B. ...	...	70	...	70
Total		17	432	...	449
Circle ...	... { S. F. A. ...	165	1,095	439	1,699
	{ S. F. B. ...	...	70	35	105
Total		165	1,165	474	1,804

Form No. 49.—Statement of Forest Areas surveyed

Division.	Special surveys—Maps on 4" scale or over, by Survey of India Department or Forest Survey Branch												Areas surveyed and under Ordinary, included					
	With interior details.						Boundary surveys.						With interior details.					
	With details of growing stock.		Without details of growing stock.		Total cost.	Prev. ous.	Of the year.	Total cost.	With details of growing stock.		Without details of growing stock.		Total cost.	Prev. ous.	Of the year.	Total cost.		
	Prev. ous.	Of the year.	Prev.	Of the year.					Prev. ous.	Of the year.	Prev.	Of the year.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14					
Ellichpur...	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Ru.	Sq. m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.					
	...	...			2,19,037	...	...	...	...	...	...	...	...
			A and C classes															
			Melghat															
			1,500															
			2' + 4"															
Amracti ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buldana ...	...	...			A class	...	...	215	...	...	...	...	...
					12 $\frac{1}{2}$													
					2' + 4"													
Basim ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wun ...	...	...	...	...	...	...	...	...	...	...	...	...	...

ESTS.

Maintenance of Boundaries, 1901-02.—(Forest year.)

Length of boundaries not demarcated at the close of the year. (6)	Length of natural boundaries not requiring artificial marks. (7)	Total length of boundaries at the close of the year. (8)	Expenditure on demarcation during the year.		Remarks. (11)
			On new work. (9)	On repairs. (10)	
Miles. 7	Miles. 141 8	Miles. 814 12	Rs. ...	Rs. ...	Rs.
...					
7	149	326	...	107	= 107
10	8	120 31	...	...
...	...				
10	3	151	...	295	= 295
...	10	793	1,802	135	= 1,337
...	87	307	...	211	= 211
...	12	391	...	...
...	...	70	...	...
...	12	461	84	270	= 354
17	209 8	1,925 118	...	...
...					
17	217	2,038	1,296	1,018	= 2,304

and under Surrey during the year 1901-02.—(Forest year.)

Survey during the year.			Statistical reports or other surveys by local officers.										Cens.											
In District Survey.			With interior details.										Area remaining to be taken in survey.	Total forest area at end of the year as per Form No. 16	Pre- v. ice of the year.	Or in year.	Entire cost of all surveys at end of the year.	Remarks.						
Boundary surveys.			With interior details.					Boundary surveys.																
Prev- ice, /	Offic- ial year.	Total co.t.	4-inch or over		Under 4-inch.			Total cost.	Prev- ice.	Off the year.	Total cost.	Pre- v. ice of the year.												
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	29	29	30	21						
Sq. m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Rs.	Sq. m.	Sq. m.	Rs.							
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	1,536	1,536	2,12,627							
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	58	201	201							
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	217	574	216	216						
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	280	766	100	100						
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	230	707	100	100						

FORESTS.

Form No. 50.—*Progress made in Provision working-plans, 1901-02.*

Division.	Area for which provisional working- plans have been completed.		Area for which provisional working- plans are being completed.		Area for which pro- visional working- plans have been submitted to be taken in hand.		Total forest area, as in Form No. 46	Entire square miles of provi- sional working- plans com- pleted.	Remarks.
	At com- mencement of the year	During the year	At com- mencement of the year	Taken in hand during the year	6	7			
1	2	3	4	5	6	7	8	9	
Ellichpur...	A Class... 61	781	For 702 square miles there is a permanent working-plan, and for 18 more the pre- paration of a permanent plan has been commenced.		
	B do ... 6	...	...	...	...	6
	C do ... 749	...	...	...	...	749
Amraoti ...	A Class...	58	For all the classes of forests a permanent working-plan was drawn up during the year, but not yet passed.		
	B do ... ...	...	...	...	...	25
	C do ... ...	...	...	...	...	178
Buldana ...	A Class...	341	For the whole division a permanent work- ing-plan was under preparation.		
	B do ... ...	...	...	...	...	15
	C do ... ...	...	...	...	...	218
Basim ...	A Class... 259	2	280	For 19 square miles there is a permanent working-plan.		
	B do ... 20	...	...	...	...	20
	C do ... 479	...	...	...	7	456
Wun ...	A Class... 230	230	...		
	B do ... 18	...	...	...	...	18
	C do ... 543	...	...	...	6	549
Total	A Class... 550	2	1,690	...		
	B do ... 44	...	...	...	...	84
	C do ... 1,771	...	...	...	13	2,180
	Total ... 2,365	15	3,954	...		

FORESTS.

Form No. 50.—*Progress made in Permanent working-plans, 1901-02.*

Division.	Area for which permanent working- plans have been completed.		Area for which permanent working- plans are being completed.		Area for which per- manent working- plans have been submitted to be taken in hand.		Total forest area, as in Form No. 46.	Entire square miles of per- manent work- ing- plans com- pleted.	Remarks.
	At com- mencement of the year	During the year	At com- mencement of the year	Taken in hand during the year	6	7			
1	2	3	4	5	6	7	8	9	
Ellichpur...	702	...	...	18	816	1,536	...	...	A Class.—Bairagarh-Gighamal. Preliminary reports for revision of the Bairagarh-Gighamal working-plans and for new plans to be drawn up for Kohann and Chikeldha were submitted during the year. The former was returned unapproved.
Amraoti ..	...	4	...	...	261	261	...	...	A Class.—Babul tracts of Lon-Bhongaon.
Buldana ..	19	...	...	570	574	574	...	...	A Class.—Penganga.
Basim ...	...	...	...	...	767	786	...	...
Wun ...	...	...	...	...	797	797	...	...
Total ...	725	...	...	519	2,363	3,954	...	...

FORESTS.

Form No. 51.—Communications and Buildings during 1901-02.

Division.	New work undertaken during the year.						Works executed during the year.					
	Buildings.		Roads and paths.		Total expenditure on new work.		Buildings.		Roads and paths.		Total expenditure on repairs.	
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.	Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	Rentals.
2	3	4	5	6	7	8	9	10	11	12	13	14
Direction		Rs.	Miles.	Rs.	Rs.	Houses for subordinates No. (1), Others No. (1)	Rs.	Rs.	Miles.	Rs.	Rs.	
Ellichpur.	Rest-houses, No. (2) (Part payments)	...	...	...	...	35	...	...	...	...	...
	Houses for subordinate establishments No. (5)	227	...	..	..	25	60	...	...	...	...	60
	Out-office No. (1)	35	...	..	..				
		344	...	..	..				
		606	...	..	606							
Amritsi.	Mehdari rest-house No. (1)	504	...	..	..				
	House for subordinates No. (1)	50	...	..	..				
		554	...	..	..				
Baldas.	Houses for subordinate establishments No. (2)	194	...	..	..				
		194	...	..	..				
		194	...	..	194							
Basin.	Houses for subordinate establishments No. (1)	50	...	..	..				
		50	...	..	..				
		50	...	..	50							
Wun.	Houses for subordinate establishments No. (1)	155	...	..	..				
		155	...	..	..				
		155	...	..	155							
Total.	Rest houses No. (3)	731	...	..	..				
	Houses for subordinate establishments No. (10)	454	...	..	..				
	Out-office No. (1)	341	...	..	..				
		158	...	..	158							
	Grand Total	1,559	...	..	..	1,559						
	" New works Repairs, &c. Pay of chowkidars						3,704	...	1,000	5,790	9,494	
							1,550					
							3,701					
							464					
							5,727					

~~strat.~~

FORESTS.

Form No. 52.—Register of Breaches of Forest Rules during 1901-02—(Forest year.)

Forest division.	New cases of the year						Disposed of during the year						Remarks.	
	Cases pending from 1900-01.			Total new cases of the year.			Convictions			Agricultrals				
	Injury to forest by fire.	Unauthorised felling or uprooting of wood without permission or in tracts in which grazing is prohibited.	Other offences.	Total cases.	Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
<i>Ellichpur Division.</i>														
State-forests of { A. B. C all classes	... 3 .. 16	18 134 ...	... ... ...	21 154 ...	21 154 ...	19 153 ...	25 327 ...	2	2	21 153 ...	27 327 ...	... 1	Amount Rs. 249.	
Total ...	.. 19	152	...	4	175	175	172	352	2	2	174	354	1	
<i>Amravati Division.</i>														
State-forests of { A. B. C all classes,	... 7 .. 5 ... 48	8 92 1	1 50 ...	12 4 ...	28 151 44	28 151 44	16 151 ...	21 753 ...	7	7	23 151 ...	29 753 ...	5	Amount Rs. 625.
Total ...	... 55	101	51	16	223	223	167	779	7	7	174	786	5	
<i>Buldana Division.</i>														
State-forests of { A. B. C all classes,	1 4 .. 15 ... 1	9 121 5	... 60 ...	2 2 ...	15 197 6	16 197 6	12 197 ...	30 679 ...	1	4	18 197 ...	84 679 ...	8	Amount Rs. 801.
Total ...	1 20	135	59	4	216	219	209	709	1	4	210	713	8	
<i>Basim Division.</i>														
State-forests of { A. B. C all classes.	3 5 .. 8 ... 15	13 112 ...	... 9 ...	3 31 1	21 160 16	24 160 16	21 160 ...	38 310 ...	3	24 160 ...	41 310 ...	... ... ...	Amount Rs. 945.	
Total ...	3 28	125	9	35	197	200	181	348	3	3	184	351	...	
<i>Wun Division.</i>														
State-forests of { A. B. C all classes.	1 1 .. 15 ... 7	15 131 ...	2 14 ...	5 14 ...	23 161 16	24 161 16	20 157 ...	52 312 ...	3	15 157 ...	23 312 ...	67 14 ...	1 4 ...	Amount Rs. 405.
Total ...	1 12	153	16	19	200	201	177	364	8	15	180	379	5	
<i>GRAND TOTAL...</i>	{ A. B. C	5 20 .. 46 ... 68	63 590 13	3 22 132 ...	108 828 82	113 828 82	88 2,836 ...	166 ...	16 ...	31 818 ...	104 2,386 ...	197 2,386 ...	9 5 ...	Amount Rs. 8,025.
Total ...	5 134	666	135	78	1,013	1,016	906	2,552	16	31	922	2,583	14	

N.B.—“A” means cases taken into court.

“B” means cases disposed of under section 67 of Indian Forest Act, 1878.

“C” means undetected cases.

FORESTS.

ANNUAL FORM No. 58.—[Prescribed].—Area of Forest Tracts protected from fire during the Forest year 1901-02.

Division.	Forest tracts.	Year in which protection commenced.	Area protected during 1900-01.	Area attempted to be protected.	Failures.	Area actually protected.	Cost.	Remarks.
			Acre.	Acre.	Acre.	Acre.	Rs.	
<i>State-forests of Class A.</i>								
Ellijpur.	Bairngarh ...	1872	305,696	300,304	...	309,304	2,272	
	Ghagumal ...	1877	151,964	151,964	5,926	146,038	1,985	
	Chikalda ...	1890	25,567	22,930	609	22,321	557	
	Kohana ...	1893	11,475	11,475	1	11,474	299	
	Total ...	...	492,702	495,078	6,536	489,197	6,113	
Amritot.	Chirori ...	1881	8,431	8,431	137	8,294	311	
	Mehndari ...	1889	9,526	9,526	35	9,491	178	
	Shekhndari ...	1894	6,614	6,613	4,940	1,678	267	
	Lakhota ...	1894	2,929	3,179	...	3,179	98	
	Total ...	...	27,500	27,749	5,112	22,637	854	
Buldhana.	Amdari ...	1883	15,529	15,529	5,234	10,295	328	
	Ambatarwa ...	1893	31,229	33,256	6,451	26,805	760	
	Ghat-Bori ...	1881	37,072	37,404	238	37,166	732	
	Geen-Matungaon	1880	41,026	47,887	...	47,887	453	
	Medsi ...	1888	6,877	10,073	...	10,073	294	
Basim.	Mohojna ...	1888	2,109	2,109	...	2,109	81	
	Loni ...	1882	1,048	1,018	...	1,018	4	
	Bhongion ...	1882	1,857	1,916	...	1,916	12	
	Total ...	...	139,717	149,252	11,923	137,329	2,654	
	Marwari ...	1880	12,027	12,027	2,915	9,112	817	
Malegaon.	Kinwat ...	1881	112,885	113,219	11,671	101,518	1,391	
	Rui ...	1882	7,078	7,680	35	7,645	210	
	Morza ...	1891	.	16,284	2,800	13,984	861	
	Total ...	...	132,590	140,210	10,921	132,289	2,291	
Wan.	Gondwakri ...	1882	19,596	19,596	440	19,147	600	
	Khard ...	1882	18,133	18,183	1,228	16,905	420	
	Umarda ...	1893	1,990	1,900	250	1,710	97	
	Pathrot ...	1882	2,997	3,317	26	3,292	167	
	Anjankher ...	1882	7,684	7,684	2,800	4,831	790	
	Lon Behel ...	1882	9,187	9,187	2,495	6,092	241	
	Dabhi ...	1893	7,688	7,788	...	7,788	107	
	Nidha ...	1893	9,205	10,605	...	10,605	204	
	Kolaptr ...	1881	48,110	49,269	483	42,786	765	
	Ghordara ...	1893	3,911	3,941	69	3,861	112	
	Jholapur ...	1897	1,731	1,731	610	1,091	65	
	Tiwsala ...	1882	4,878	4,878	1,458	3,615	109	
	Phiski ...	1898	2,342	2,342	...	2,319	77	
	Bhiskund ...	1893	5,800	5,450	95	5,415	194	
	Paonar ...	1893	3,944	3,984	...	3,944	149	
	Pardi ...	1901	3,179	3,179	...	3,179	57	
	Total ...	...	144,749	146,987	9,773	137,214	3,674	
GRAND TOTAL ...		...	937,288	908,871	50,205	918,606	14,586	

(36)

FORESTS.

FORM No. 54.—*Areas closed and open to grazing during 1901-02—(Forest year.)*

Division	1	Area in square miles.						Remarks	
		Closed to all animals		Closed to browsers (cattle, goats, or sheep).		Open to all animals.			
		Whole year.	Part of year.	Whole year.	Part of year.	Whole year.	Total area.		
	2	3	4	5	6	7	8		
Ellichpur	A Class ...	741	...	...	...	40	781	
	B " ...	6	...	...	...	...	6	
	C " ...	...	...	...	...	749	749	
	Total ...	747	...	...	...	789	1,536	
Amnoti	A Class ...	80	...	1	24	3	58		
	B " ...	19	...	1	5	...	25		
	C " ...	...	...	...	...	178	178	
	Total ...	49	...	2	29	181	261		
Buldana	A Class ...	120	...	133	...	88	341		
	B " ...	14	...	1	...	...	15	
	C " ...	...	...	...	...	206	206	
	Total ...	134	...	134	...	294	582		
Bazim	A Class ...	193	...	40	...	47	280		
	B " ...	...	...	...	...	20	20	
	C " ...	...	...	...	...	465	485	
	Total ...	193	...	40	...	552	785		
Wun	A Class ...	230	...	...	...	...	230	
	B " ...	...	15	2	...	...	17	
	C " ...	...	...	...	...	549	549	
	Total ...	230	15	2	...	549	796		
Circle	A Class ...	1,314	...	174	24	176	1,690		
	B " ...	89	15	4	5	20	88		
	C " ...	...	...	...	...	2,167	2,167	
	GRAND TOTAL ...	1,353	15	178	29	2,365	3,940		

FOR

FORM NO. 55.—*Return of grazing in the*

Division.	Grazing on payment. Number of animals.										
	At full rates.				At privilege rates.						
	Balance.	Cows and calves.	Grass reserves.	Fees.	Others.	Fees received.	Balance.	Cows and calves.	Grass reserves.	Others.	O. balance.
1	2	3	4	5	6	7	8	9	10	11	12
Ellichprn.											
{ a. Timber and fuel reserves...	1,264	3,900	786	...	86	1,003	...	...	...	...	...
{ b. Grass reserves	8,155	41,375	25,433	50	1,193	10,602	...	...	...	...	...
Total ..	9,419	45,275	26,219	60	1,284	11,605	...	...	...	...	...
Amraoti.											
{ a. Timber and fuel reserves...	538	4,521	...	...	...	1,885	...	...	...	...	...
{ c. Pasture reserves	13,418	51,853	61,419	20	...	29,419	...	...	...	...	...
Total ..	14,021	56,374	61,419	20	...	31,304	...	...	...	...	...
Bul. dana.											
{ a. Timber and fuel reserves...	1,600	17,006	3,250	...	45	6,673	375	2,579	40	...	...
{ b. Grass reserves	364	2,8-6	3,441	...	...	1,020	...	...	...	...	...
{ c. Pasture reserves	10,813	67,379	92,622	5	185	25,733	..	...	...	...	...
Total ..	13,037	86,770	99,743	5	231	38,446	375	2,579	40	...	...
Basim.											
{ a. Timber and fuel reserves...	258	1,943	490	...	...	1,160	518	4,172	...	...	...
{ b. Grass reserves	167	925	37	...	...	227	...	...	...	...	...
{ c. Pasture reserves	9,396	62,878	33,552	...	...	10,930	...	...	...	...	...
Total ..	9,451	65,751	34,079	...	..	21,317	518	4,172	...	...	...
Wun.											
{ a. Timber and fuel reserves...	...	...	...	...	...	...	...	...	...	...	...
{ b. Grass reserves	...	29	31	...	...	46	...	...	...	...	...
{ c. Pasture reserves	...	33,317	169,161	91,896	...	56,079	..	...	...	...	...
Total ..	33,376	169,198	91,886	...	...	56,125	..	...	...	...	...
Total											
{ a. Timber and fuel reserves...	6,075	27,374	4,556	...	131	10,726	593	6,751	40	...	...
{ b. Grass reserves	500	3,315	3,973	..	...	1,363	...	...	...	...	...
{ c. Pasture reserves	74,529	392,613	304,012	105	1,384	14,1611	..	...	...	...	...
GRAND TOTAL ..	79,301	423,368	313,346	105	1,515	1,53,900	593	6,751	40	...	...

Abstract for .

Division.	Total value of cattle of all kinds at full grazing dues					
	1891 M.	1891 D.	1892 M.	1892 D.	1893 M.	1893 D.
Ellichprn.	No.	No.	No.	No.	No.	No.
Amraoti.	...	123,518	122,603	96,719	89,541	182,447
Buldana.	...	159,971	178,471	140,576	133,320	155,035
Basim.	...	326,412	356,173	259,966	251,344	349,780
Wun.	...	166,630	162,562	136,971	118,532	166,013
Total	1,128,943	1,152,519	921,687	857,438	1,256,484	646,912

ESTS.

State-forests during 1901-02 (Forest year).

Fees received, Actual.	Value of fees received, Rupees.	Grievous free. Number of animals.										Grand total value of fees received, Rupees.
		By right under Settlement.					During possession of Government, or otherwise than under Settlement.					
		Cows and Calves.	Bulls.	Oxen.	Other animals.	Total fees collected.	Ponies.	Cows and Calves.	Bulls.	Oxen.	Other animals.	Total fees collected.
12	14	15	25	17	19	10	29	21	22	23	2	27
13	15	15	25	17	19	10	29	21	22	23	2	28
14	16	15	25	17	19	10	29	21	22	23	2	29
15	17	15	25	17	19	10	29	21	22	23	2	30
16	18	15	25	17	19	10	29	21	22	23	2	31
17	19	15	25	17	19	10	29	21	22	23	2	32
18	20	15	25	17	19	10	29	21	22	23	2	33
19	21	15	25	17	19	10	29	21	22	23	2	34
20	22	15	25	17	19	10	29	21	22	23	2	35
21	23	15	25	17	19	10	29	21	22	23	2	36
22	24	15	25	17	19	10	29	21	22	23	2	37
23	25	15	25	17	19	10	29	21	22	23	2	38
24	26	15	25	17	19	10	29	21	22	23	2	39
25	27	15	25	17	19	10	29	21	22	23	2	40
26	28	15	25	17	19	10	29	21	22	23	2	41
27	29	15	25	17	19	10	29	21	22	23	2	42
28	30	15	25	17	19	10	29	21	22	23	2	43
29	31	15	25	17	19	10	29	21	22	23	2	44
30	32	15	25	17	19	10	29	21	22	23	2	45
31	33	15	25	17	19	10	29	21	22	23	2	46
32	34	15	25	17	19	10	29	21	22	23	2	47
33	35	15	25	17	19	10	29	21	22	23	2	48
34	36	15	25	17	19	10	29	21	22	23	2	49
35	37	15	25	17	19	10	29	21	22	23	2	50
36	38	15	25	17	19	10	29	21	22	23	2	51
37	39	15	25	17	19	10	29	21	22	23	2	52
38	40	15	25	17	19	10	29	21	22	23	2	53
39	41	15	25	17	19	10	29	21	22	23	2	54
40	42	15	25	17	19	10	29	21	22	23	2	55
41	43	15	25	17	19	10	29	21	22	23	2	56
42	44	15	25	17	19	10	29	21	22	23	2	57
43	45	15	25	17	19	10	29	21	22	23	2	58
44	46	15	25	17	19	10	29	21	22	23	2	59
45	47	15	25	17	19	10	29	21	22	23	2	60
46	48	15	25	17	19	10	29	21	22	23	2	61
47	49	15	25	17	19	10	29	21	22	23	2	62
48	50	15	25	17	19	10	29	21	22	23	2	63
49	51	15	25	17	19	10	29	21	22	23	2	64
50	52	15	25	17	19	10	29	21	22	23	2	65
51	53	15	25	17	19	10	29	21	22	23	2	66
52	54	15	25	17	19	10	29	21	22	23	2	67
53	55	15	25	17	19	10	29	21	22	23	2	68
54	56	15	25	17	19	10	29	21	22	23	2	69
55	57	15	25	17	19	10	29	21	22	23	2	70
56	58	15	25	17	19	10	29	21	22	23	2	71
57	59	15	25	17	19	10	29	21	22	23	2	72
58	60	15	25	17	19	10	29	21	22	23	2	73
59	61	15	25	17	19	10	29	21	22	23	2	74
60	62	15	25	17	19	10	29	21	22	23	2	75
61	63	15	25	17	19	10	29	21	22	23	2	76
62	64	15	25	17	19	10	29	21	22	23	2	77
63	65	15	25	17	19	10	29	21	22	23	2	78
64	66	15	25	17	19	10	29	21	22	23	2	79
65	67	15	25	17	19	10	29	21	22	23	2	80
66	68	15	25	17	19	10	29	21	22	23	2	81
67	69	15	25	17	19	10	29	21	22	23	2	82
68	70	15	25	17	19	10	29	21	22	23	2	83
69	71	15	25	17	19	10	29	21	22	23	2	84
70	72	15	25	17	19	10	29	21	22	23	2	85
71	73	15	25	17	19	10	29	21	22	23	2	86
72	74	15	25	17	19	10	29	21	22	23	2	87
73	75	15	25	17	19	10	29	21	22	23	2	88
74	76	15	25	17	19	10	29	21	22	23	2	89
75	77	15	25	17	19	10	29	21	22	23	2	90
76	78	15	25	17	19	10	29	21	22	23	2	91
77	79	15	25	17	19	10	29	21	22	23	2	92
78	80	15	25	17	19	10	29	21	22	23	2	93
79	81	15	25	17	19	10	29	21	22	23	2	94
80	82	15	25	17	19	10	29	21	22	23	2	95
81	83	15	25	17	19	10	29	21	22	23	2	96
82	84	15	25	17	19	10	29	21	22	23	2	97
83	85	15	25	17	19	10	29	21	22	23	2	98
84	86	15	25	17	19	10	29	21	22	23	2	99
85	87	15	25	17	19	10	29	21	22	23	2	100
86	88	15	25	17	19	10	29	21	22	23	2	101
87	89	15	25	17	19	10	29	21	22	23	2	102
88	90	15	25	17	19	10	29	21	22	23	2	103
89	91	15	25	17	19	10	29	21	22	23	2	104
90	92	15	25	17	19	10	29	21	22	23	2	105
91	93	15	25	17	19	10	29	21	22	23	2	106
92	94	15	25	17	19	10	29	21	22	23	2	107
93	95	15	25	17	19	10	29	21	22	23	2	108
94	96	15	25	17	19	10	29	21	22	23	2	109
95	97	15	25	17	19	10	29	21	22	23	2	110
96	98	15	25	17	19	10	29	21	22	23	2	111
97	99	15	25	17	19	10	29	21	22	23	2	112
98	100	15	25	17	19	10	29	21	22	23	2	113
99	101	15	25	17	19	10	29	21	22	23	2	114
100	102	15	25	17	19	10	29	21	22	23	2	115

financial year.

Total cost of forest, &c., exclusive of all grants.									
1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.
No.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
106,716	16,612	16,614	12,964	10,257	25,270	7,086	10,706		
128,690	41,235	43,025	31,122	31,305	35,698	15,456	20,943		
210,551	59,452	65,035	45,570	44,216	61,711	25,443	34,616		
111,266	88,726	81,802	24,536	55,918	32,030	16,650	21,897		
296,129	103,136	62,363	53,007	52,559	72,653	51,002	56,607		
816,592	9,14,129	2,21,392	1,78,099	1,69,181	2,31,170	1,19,526	1,55,155		

FOR

Form No. 56.—[Prescribed]—Area of Plantation,

Division.	Name of plantation.	Area	
		On 1st July 1901.	Added during the year.
Ellichpur	Regular	655	...
Ellichpur	Cultural	1,442	5,570
Amraoti	Do	2,110	513
Buldana	Do	925	1,576
Basim	Do	6,703	305
Wun	Do	108	49
	Total	11,288	8,018
	Grand Total	11,943	8,018

Form No. 57.—Outturn (in cubic feet, solid) of Timber and Fuel

Division.	Timber in the rough; Logs.					Timber in the rough, Poles.					Sawn or cut				
	Government	Pur-chasers	Free gran-tees	Pri-va-ge hold-ers	Total	Government	Pur-chasers	Free gran-tees	Pri-va-ge hold-ers	Total	Government	Pur-chasers	Free gran-tees	Pri-va-ge hold-ers	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
6. ft. c. ft.															
Ellichpur	...	...	3,140	...	3,168	129	94,497	426	...	95,059	...	169,335	545	...	I.—Class A
Amraoti	28	20	...	...	...	...	41,650	98	...	41,757	...	...	...	...	...
Buldana	...	...	...	...	...	...	27,334	210	...	27,584	...	...	...	...	...
Basim	...	...	...	...	...	...	68,110	...	...	64,420	215	...	...	...	...
Wun	...	...	...	...	...	1,271	...	...	...	...	...	...	...	...	...
Total	28	3,140	...	...	3,168	1,403	320,026	734	...	231,763	245	169,335	545	...	II.—Class B
Ellichpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amraoti	...	20	...	...	20	...	...	...	...	...	...	17,146	...	...	...
Buldana	...	...	...	...	...	...	...	...	...	...	...	37,003	...	...	...
Basim	...	5	...	...	5	...	...	...	...	...	...	90,367	...	...	...
Wun	...	...	...	...	...	...	7,701	568	...	...	...	...	...	...	...
Total	...	20	...	...	20	2,018	139,747	30,061	..	142,421	...	...	...	...	III.—Class C-III
Ellichpur	...	...	...	...	...	...	100,007	...	...	100,007	...	...	...	...	IV.—All Classes of
Ellichpur	...	...	3,160	...	3,188	129	101,504	426	...	195,059	...	169,335	545	...	...
Amraoti	28	3,160	...	...	3,188	...	58,805	98	...	68,003	...	...	...	...	...
Buldana	...	...	...	...	...	...	65,134	309	...	65,449	...	...	...	...	...
Basim	...	...	...	...	...	...	140,937	10,668	...	154,787	215	...	...	...	...
GRAND TOTAL	28	3,160	...	...	3,188	3,416	159,380	11,395	...	474,191	215	169,335	545	...	...

ESTS.

1901-02—(Forest year).

in acres,		Receipts	Charges	Remarks.
Excluded during the year.	Area on 30th June 1902.	of the year.		
*055	...	...	...	About three-fourths of the plantation is now fully stocked; in the rest of the area, the soil being unfit for teak, failure was inevitable and there is no necessity for undertaking any fresh operations.
17,012	...	...	724	+Failures.
†1,910	718	349	661	
†2,601	...	...	287	
†7,008	...	...	182	
157	...	...	865	
†18,588	718	342	2,192	
19,213	718	319	2,192	

during the year (Forest) 1901-02 and Agency of Exploitation,

timber.	Miscellaneous.						Fuel.						Total cultivation.	Remarks.
	Total.	Government.	Furnishers.	Treas. grants.	Privileges.	Bidders.	Total.	Government.	Purchasem.	Furnishers.	Privileges.	Bidders.		
	16	17	18	19	20	21	22	23	24	25	26	27		
e. fl. re. fl. e. fl. re. fl. e. fl. e. fl. e. fl. e. fl. e. fl. e. fl.														
<i>Timber and Fuel Reserves.</i>														
100,760	...	...	...	...	...	...	16,817	...	...	16,817	291,619			
...	...	...	...	...	...	...	145,793	...	...	115,877	147,015			
...	2,258	1,391	...	...	3,660	49,065	218,214	65	...	267,407	315,933			
...	...	...	...	...	...	...	70,616	...	...	70,616	95,160			
215	...	...	...	...	...	...	21,669	...	...	21,669	86,934			
170,026	2,258	1,391	...	3,660	49,065	478,109	...	...	...	532,319	831,071			
<i>Grass and Pasture Reserves.</i>														
...	...	...	...	...	...	...	69,953	...	...	69,953	69,953			
...	...	...	...	...	...	...	195,737	...	...	42,093	227,833	219,699		
...	874	...	...	1,000	...	...	151,012	...	...	45,700	107,023	217,972		
...	...	...	...	...	...	...	103,103	...	...	247,304	291,263			
...	...	...	...	26,166	26,166	...	234,733	...	...	234,733	710,275	826,558		
...	...	C34	...	66,931	66,931	...	1,411,603	...	411,761	1,411,603	16,15,620			
<i>Pasture Reserves.</i>														
...	...	...	...	149,696	149,696	...	497,216	...	494,111	931,337	1,230,030			
<i>Planted Accts.</i>														
160,580	...	...	...	149,596	149,596	...	573,091	...	404,111	1,068,102	3,582,537			
...	...	...	...	21,741	21,741	...	831,650	84	32,098	379,712	397,611			
...	3,123	1,391	5,000	1,603	49,065	370,286	589	46,000	463,150	633,666				
246	...	...	6,051	0,051	...	199,812	...	105,108	307,810	379,413	918,163			
170,023	3,123	1,391	208,577	213,093	49,065	1,901,029	679	935,972	2,917,137	3,607,031				

FORESTS.

ANNUAL FORM No. 53.—[Prescribed.]—Outturn of Minor Forest Produce during the year 1901-02.—[Forest year].

Description of produce.	Produce removed or utilized.											Remarks.
	By Government agency.		By purchasers.		By free grants.		By right-holders.		Total.			
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	
1	2	3	4	5	6	7	8	9	10	11	12	
			Rs.	Rs.	Chart A.—Timber and Fuel Reserves.	Rs.						Rs.
Bamboos	No.	10,312	820	21,80,485	32,811	11,250	110	13,000	200	21,73,047	33,537	
Grass (fodder)	Tons	...	...	32,416	23,248	3,532	1,008	1,691	1,501	27,529	26,637	
Grazing, No. of cattle grazed.	...	...	...	36,036	10,726	7,684	1,014	10,239	1,929	63,970	14,260	
Roots and fruits	Tons	...	...	54	315	10	80	...	...	64	395	
Leaves	"	...	...	202	287	...	...	...	...	202	287	
Gum	"	...	...	14	169	...	...	...	...	14	169	
Lac	lb.	48	9	60	136	...	...	...	...	108	145	
Hilda	Tons	8	428	...	...	...	...	...	...	8	428	
Tikhari grass	"	...	...	987	1,689	...	...	...	...	987	1,689	
Thatching grass	"	2	11	11	22	112	68	...	...	123	101	
Minerals	"	...	...	598	105	...	...	...	...	583	115	
Thorns	"	...	...	104	133	...	...	...	...	104	133	
Horns	"	...	...	1	178	...	...	...	...	1	178	
Bark	"	...	...	...	...	...	...	...	...	...	...
Honey, &c.	"	...	...	...	40	...	...	...	...	...	40	
Manures	"	...	...	...	50	...	...	...	...	...	50	
Miscellaneous	"	...	...	28	41	...	...	...	...	23	41	
Total	..	828	...	69,810	...	3,006	...	3,730	...	78,291		
					Classes B, C-I and C-II.—Grass and Pasture Reserves.							
Bamboos	No.	...	...	57,014	677	10,860	26	...	...	67,814	603	
Grass (fodder)	Tons	...	...	15,915	17,882	75	80	...	...	16,613	17,463	
Grazing, No. of cattle grazed.	...	...	...	7,10,138	1,30,760	...	...	...	...	7,16,138	1,33,769	
Roots and fruits	Tons	...	...	697	5,512	...	...	...	...	697	5,512	
Leaves	"	...	...	202	1,759	...	...	...	...	202	1,759	
Gum	"	...	...	14	910	...	...	...	...	14	910	
Lac	lb.	...	...	60	4	...	...	...	...	60	4	
Hilda	Tons	...	...	...	6	99	...	...	...	6	99	
Tikhari grass	"	...	...	...	...	...	...	...	...	...	...
Thatching grass	"	...	...	17,009	1,804	9	81	...	...	17,163	1,885	
Minerals	"	...	...	1,162	1,473	...	...	...	...	1,162	1,473	
Thorns	"	...	...	...	24	3	9	...	...	...	33	
Horns	"	...	...	5	1	...	...	...	...	5	1	
Bark	"	...	...	106	160	...	...	...	...	105	150	
Honey, &c.	"	...	...	...	...	...	...	...	...	...	...
Miscellaneous	"	...	...	...	...	...	...	...	...	...	...
Total	..	..	..	1,63,774	..	106	...	...	...	1,63,970		
					Class C-III.—Pasture Reserves.							
Bamboos	No.	...	...	5,92,093	4,490	...	...	12,70,810	19,856	18,02,908	26,716	
Grass (fodder)	Tons	...	...	8,093	4,389	...	...	...	...	8,096	4,389	
Grazing, No. of cattle grazed.	...	...	...	36,464	4,065	...	...	3,08,391	63,620	3,73,856	72,934	
Roots and fruits	Tons	...	...	275	1,106	...	...	...	...	376	1,196	
Leaves	"	...	...	203	230	...	...	...	...	203	330	
Gum	"	...	...	13	19	...	...	...	...	13	10	
Lac	lb.	...	...	60	39	...	...	...	...	60	39	
Hilda	Tons	...	...	...	...	...	...	...	...	...	7,219	
Tikhari grass	"	...	...	...	...	...	...	...	...	...	...
Thatching grass	"	...	...	1,301	769	...	...	...	...	1,391	779	
Minerals	"	...	...	...	...	...	...	...	...	...	...
Thorns	"	...	...	...	...	...	...	...	...	...	...
Horns	"	...	...	...	...	...	...	...	...	...	...
Bark	"	...	...	...	...	...	...	...	...	...	...
Honey, &c.	"	...	...	...	...	...	...	...	...	...	...
Miscellaneous	"	...	...	...	...	...	...	...	...	...	10	
Total	..	..	..	20,507	...	...	...	...	83,385	..	1,13,982	
					All classes of forests.							
Bamboos	No.	10,312	380	27,23,607	4,4178	22,050	172	12,82,810	20,056	40,13,763	60,786	
Grass (fodder)	Tons	683	...	60,480	46,029	3,087	2,078	1,501	1,501	62,271	46,698	
Grazing, No. of cattle grazed.	...	...	...	8,17,638	1,66,900	7,684	1,614	3,18,650	65,458	11,43,972	2,30,073	
Roots and fruits	Tons	...	...	1,026	7,023	10	80	...	...	1,036	7,103	
Leaves	"	...	...	607	2,330	...	...	...	...	607	2,330	
Gum	"	...	...	41	1,070	...	...	...	...	41	1,070	
Lac	lb.	48	9	180	170	...	...	...	...	223	188	
Hilda	Tons	8	428	...	...	...	...	...	...	8	428	
Tikhari grass	"	...	...	903	8,007	...	...	...	...	907	8,907	
Thatching grass	"	2	11	11	22	112	63	...	...	135	101	
Minerals	"	...	...	19,018	2,768	94	81	...	...	19,142	2,789	
Thorns	"	...	...	1,236	1,606	...	...	...	...	1,236	1,606	
Horns	"	...	...	1	178	...	...	...	...	1	178	
Bark	"	...	...	5	24	3	9	...	...	8	33	
Honey, &c.	"	...	...	...	41	...	...	...	...	...	41	
Manures	"	...	...	...	50	...	...	...	...	...	50	
Miscellaneous	"	...	...	130	201	...	...	...	...	130	201	
Total	..	683	...	2,63,511	4,103	...	...	96,240	...	3,04,690*	5,144	

FORESTS.

ANNUAL FORM NO. 59.—Account of timber and other produce cut or collected by Government Agency and brought to depôts, sold locally, or otherwise disposed of, during the Forest year 1901-02.

Name of division.	Balance at commencement of the year in forests & in sale depôts.	Received during the year.	Total	Disposed of during the year.	Balance in hand at close of the year.	
					2	3
1.						
Timber. (sale depôts.)						
Ellichpur—Teak logs	... No.	... 30 20 302 226 64	30 20 302 236 61	6 20 302 21	24 ... 205 64	
" poles	... "	... 652	652	359	203	
" poles	... "	... 275	275	124	151	
" pieces	... "	... 4,357	4,257	3,900	357	
" shutters	... "	... 927	927	488	414	
Total Ellichpur Division	... { No. cft.	... 4,257	4,257	3,900	357	
Amranti Division, Teak gols	... ... cft.	... 146 ¹	50,065	48,665	149 ¹	
Wan division Timber	... ... cft.	... 50,213 ¹	50,213 ¹	48,665	1,400	
Total	... { No. cft.	... 2,366 151	2,366 151	2,366 151	... ...
Babul wood	... tons.	... 6,436	6,436	6,436	24	
Buldana Division,	... " cft.	... 1,690	1,690	1,566		
Total	... "	... 8,802 151 1,690	8,802 151 1,690	8,802 151 1,566	24	
Ellichpur Division—Bamboos.	... No.	... 2,517	2,517	2,517	...	
Ellichpur Division—Bamboos	... "	... 2,366 151	2,366 151	2,366 151	...	
Tattas	... "	... 2,517	2,517	2,517	...	
Total	... "	... 2,517	2,517	2,517	...	
Amracti Division—Bamboos	... No.	... 6,436	6,436	6,436	24	
Do sticks	... "	... 1,690	1,690	1,566		
Total	... { No. cft.	... 8,802 151 1,690	8,802 151 1,690	8,802 151 1,566	24	
Bamboos	... No.	... 33	33	33	36	
Tattas	... "	... 374	374	374	374	
Sticks	... "	... 410	410	410	410	
Other minor produce. (sale depôts.)	... No.	... 45	45	45	45	
Ellichpur Division—Deer horns	... (Forest depôts.)	... 1,014	1,014	1,014	992	
Ellichpur Division—Deer horns	... "	... 1,059	1,059	1,059	1,011	
Total	... "	... 96,190	96,190	96,190	71,830	
Ellichpur Division—Hilda	... (sale depôts.)	... 96,400	96,400	96,400	71,830	
Ellichpur Division—Total Hilda	... lbs.	... 7,000	7,000	7,000	7,000	
Wan Division—Thatching grass	... lbs.	... 30 285 303 236 64 4,257	30 285 303 236 64 4,257	30 293 302 236 64 4,257	144 302 31 31 3,900	
Timber.						
Teak logs	... "	... 148	148	148	144	
" poles	... "	... 50,065	50,065	48,665	1,400	
" pieces	... "	... 8,802	8,802	8,802	...	
" shutters	... cft.	... 151	151	151	...	
GRAND TOTAL		... 1,690	1,690	1,566	24	
Babul wood	... Fuel tons.	... 148	148	148	144	
Do	... " cft.	... 50,065	50,065	48,665	1,400	
Bamboos	... No.	... 8,802	8,802	8,802	...	
Do Tattas	... "	... 151	151	151	...	
Do sticks	... "	... 1,690	1,690	1,566	24	
Other minor produce.	... No.	... 410	410	410	410	
Deer horns	... lbs.	... 1,059	1,059	48	48	
Lac	... "	... 96,490	96,490	24,640	71,850	
Hilda	... "	... 7,000	7,000	7,000	7,000	
Thatching grass	... Pulia	... 410	410	410	410	

FORESTS.

ANNUAL FORM No. 60-A.—[Prescribed]—Abstract showing the value of timber and other produce at sale depots for the Forest year 1901-02.

Description of timber and other produce.	On hand at commencement of the year			On hand at close of the year.			Difference in value.		Remarks.
	No.	Cft	Value.	No.	Cft	Value	In favour of the year	Against the year.	
	1	2	3	4	5	6	7	8	9	10
			Rs			Rs	Rs	Rs	
<i>Timber.</i>									
Teak logs No.	24	...	72	72	...	
Do. gols "	151	...	38	38	...	
Do. poles "	
Do. pieces "	205	...	5	5	...	
Do. shutters "	64	...	727	727	...	
c. ft.	357	51	51	51	...	
<i>Fuel.</i>									
Babul wood tons	148	...	477	477	...	
Do. c. ft.	1,400	63	63	...	
<i>Bamboos.</i>									
Tattas No.	
Sticks "	24	...	1	1	...	
<i>Other minor produce.</i>									
Deer horns No.	410	...	105	105	...	
Lac lbs.	1,011	...	127	127	...	
Hilda "	91,850	...	1,500	1,500	...	
Thatching grass, pulas..	7,000	...	7	7	...	

ANNUAL FORM No. 60-B.—[Prescribed]—Abstract showing the value of live and dead stock for the Forest year 1901-02.

Description of live and dead stock.	On hand at com- mencement of the year.		On hand at close of the year.		Difference in value.		Remarks.
	No.	Value	No.	Value	In favour of the year.	Against the year.	
	1	2	3	4	5	6	
		Rs		Rs	Rs	Rs	
<i>Circles.</i>							
1. Survey and other in- struments ..	261	1,420	284	1,305	...	115	
2. Tools ...	8,900	6,075	8,678	5,794	...	291	
3. Office quarters ..	2	6,670	2	6,337	...	333	
4. Rest-houses' ..	53	38,813	52	36,910	197	...	
5. Office and rest-house furniture.	1,648	8,601	1,651	8,300	...	301	
6. Tents ...	45	4,356	38	4,252	...	104	
7. Miscellaneous ..	1,145	3,908	1,097	3,588	...	320	
8. Elephants ..	2	3,900	2	3,804	...	96	
9. Bullocks ..	1	22	1	22	...	...
GRAND TOTAL ...	12,112	71,785	11,803	70,312	97	1,550	Net difference against the year Rs 1,453.

FORESTS.

ANNUAL FORM NO. 61.—(PREScribed).—Summary of Revenue of the different divisions during the Forest year 1901-02.

Budget Head. (1)	Direction Office. (2)	Amarat Division. (3)	Basis Division. (4)	Baladeo Division. (5)	Billichpur Division. (6)	Was Division. (7)	Total. (8)
REVENUE.							
I.—Timber and other produce removed from the forests by Government agency—	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
a. Timber ...	...	...	...	1,057 6 0	63 15 3	74 0 0	1,137 15 0
b. Firewood and charcoal ...	...	203 0 0	...	...	88 5 0	...	1,037 6 0
c. Bamboos ...	...	...	...	...	...	...	380 5 0
d. Sandalwood ...	...	...	...	...	...	...	...
e. Grass and other minor produce ...	...	...	...	...	447 11 4	...	447 11 4
Total ...	...	203 0 0	...	1,057 6 0	699 15 4	74 0 0	2,023 5 4
II.—Timber and other produce removed from the forests by consumers or purchasers—							
a. Timber ...	520 14 0	13,415 4 6	16,928 0 0	93,678 6 8	17,265 11 0	14,013 6 2	
b. Firewood and charcoal ...	15,669 3 11	5,491 0 3	18,077 11 0	19,891 0 9	13,206 0 3	72,265 9 2	
c. Bamboos ...	9 10 0	142 10 8	2,075 0 0	30,665 11 10	1,243 3 3	40,176 15 4	
d. Grazing and fodder grass ...	52,119 3 9	26,110 4 5	37,108 16 3	17,781 8 9	65,201 2 3	2,00,412 1 5	
e. Other minor produce ...	4,271 4 4	2,011 0 6	1,053 6 0	11,527 13 6	4,727 2 7	24,623 10 11	
Total ...	72,608 3 0	46,222 3 11	75,624 12 3	178,513 4 6	104,613 3 4	47,776 11 0	
III.—Drift and waif wood and confiscated forest produce ...							
Total ...	7 14 0	18 7 6	73 0 3	27 1 6	1,657 9 0	1,688 10 9	
7 14 0	18 7 6	73 0 3	27 1 6	1,657 9 0	1,688 10 9		
V.—Miscellaneous—							
a. Fines and forfeitures ...	...	...	...	...	1 8 0	10 6 2	11 14 2
b. Refunds ...	17 11 3	3 5 4	60 1 2	113 9 1	225 11 1	3 10 7	463 9 6
c. Other sources ...	615 0 7	1,032 2 7	601 1 0	951 6 10	730 7 4	895 7 5	4,735 3 3
Total V ...	633 4 10	1,035 7 11	601 2 8	1,064 8 11	976 10 6	868 8 2	5,310 10 11
Grand Total Revenue ...	633 4 10	78,031 0 6	46,081 14 1	77,719 11 5	1,50,136 15 9	107,183 14 3	4,86,137 0 0

ANNUAL FORM NO. 61.—(PREScribed).—Summary of Expenditure of the different divisions during the Forest year 1901-02.

I.—Timber and other produce removed from the forests by Government agency—							
a. Timber ...	23 0 0	...	...	...	29 0 0	51 6 0	105 15 9
b. Firewood and charcoal ...	103 15 6	...	...	396 11 3	...	206 13 10	767 8 6
c. Bamboos ...	116 14 0	...	...	...	27 12 0	...	144 10 0
d. Sandalwood ...	...	...	...	...	...	...	...
e. Grass and other minor produce ...	...	...	...	...	615 8 6	...	545 8 6
Total A-I ...	26 0 0	220 13 6	...	396 11 2	601 13 6	318 3 10	1,503 10 9
II.—Timber and other produce removed from the forests by consumers and purchasers—							
Total A-II ...	1,691 9 3	1,766 0 7	4,250 11 4	1,720 2 8	3,743 14 4	13,162 6 2	
1,691 9 3	1,766 0 7	4,250 11 4	1,720 2 8	3,743 14 4	13,152 6 2		
III.—Drift and waif wood and confiscated forest produce ...							
Total A-III ...	...	3 0 0	0 12 0	...	...	3 12 0	
...	3 0 0	0 12 0	...	...	...	3 12 0	
V.—Item of lease, rents, and payments to shareholders in forests managed by Government ...							
Total A-V ...	...	...	...	18,810 12 0	...	18,810 12 0	
...	...	...	...	18,810 12 0	...	18,810 12 0	
VI.—Live-stock, stores, tools and plant—							
a. Purchase of cattle ...	955 10 4	...	...	...	...	1,019 1 5	1,085 11 9
b. Feed and keep of cattle ...	1,100 12 6	15 8 0	1,213 4 0	47 5 0	67 4 0	122 0 6	1,176 15 11
c. Purchase of stores, tools and plant ...	...	...	...	...	...	...	...
Total A-VI ...	2,097 6 10	15 6 0	121 4 0	47 5 0	67 4 0	1,191 1 10	3,162 11 9
VII.—Communications and buildings—							
a. Roads and bridges ...	411 7 3	115 0 0	533 0 11	7,887 11 6	101 14 4	6,700 7 11	
b. Buildings ...	115 0 0	508 1 1	520 10 4	1,068 8 9	2,406 0 3	698 5 10	5,726 10 3
c. Other works ...	129 11 0	130 10 5	121 0 0	22 1 6	32 2 0	122 1 5	345 10 4
Total A-VII ...	143 11 0	1,050 2 0	696 10 4	7,922 1 2	7,926 18 8	1,016 6 7	11,862 13 6
VIII.—Organization, improvement and extension of forests—							
a. Demarcation ...	...	...	...	...	...	...	...
b. Cost of settlement/compensation for land and rights ...	295 5 7	210 13 0	1,356 8 0	107 2 0	853 11 3	2,303 7 10	
c. Surveys ...	60 12 8	...	...	...	...	...	68 4 0
d. Working-plant ...	161 10 0	130 0 0	121 6 0	84 5 1	34 5 0	310 13 1	
e. Sowing and planting ...	7 3 0	247 6 0	2,318 8 11	724 1 9	301 10 3	2,085 3 0	
f. Protection from fire ...	...	194 3 0	2,729 6 10	5,122 0 8	3,601 2 5	11,911 5 10	
g. Other works ...	...	...	...	822 8 7	12 4 6	534 10 1	
Total A-VIII ...	233 6 3	1,814 7 7	2,661 11 11	3,132 18 2	6,001 4 0	3,600 1 6	20,543 16 7
IX.—Miscellaneous—							
a. Law charges ...	...	...	5 1 0	...	30 13 0	174 0 6	210 0 6
b. Other charges ...	150 6 0	48 1 0	-10 13 0	64 1 0	3 1 0	203 10 6	
TOTAL A-IX ...	150 6 0	48 1 0	-5 12 0	10 14 0	05 0 0	177 2 0	476 11 0
TOTAL A.—CONSERVATION AND WORKS ...	2,631 1 10	5,010 10 1	5,116 11 10	10,061 3 10	35,136 0 1	10,068 13 0	60,884 11 8

FORESTS.

ANNUAL FORM No. 01.—(PRESCRIBED).—Summary of Expenditure of the different divisions during the Forest year 1901-02.—contd.

Budget-heads (1)	Directional Posts (2)	Amroli Division (3)	Borivali Division, (4)	Dekhara Division, (5)	Ellapur Division (6)	Wan Division, (7)	Total (8)
Brought forward, Total A.—Governesses and Works ...	Rs. a. p. 2,621 1 10	Rs. a. p. 5,010 10 1	Rs. a. p. 5,145 11 10	Rs. a. p. 10,061 3 10	Rs. a. p. 35,195 0 1	Rs. a. p. 10,068 13 0	Rs. a. p. 60,584 11
B.—Establishments							
I.—Salaries—							
a. Conservators ..	19,289 8 0				32 0 0		
b. Superior officers ..	3,165 10 0	3,696 10 8	5,139 5 7	3,809 0 0	0,354 8 1	3,600 0 0	29,765 2 10
c. Subordinate fore- and depot estab- lishments ..							
d. Office establish- ments ..	361 10 6	4,101 9 6	4,517 12 1	8,106 1 3	18,314 6 7	10,012 2 5	46,436 10 3
e. Deputation and special allowances ..	4,113 12 11	1,719 6 10	1,023 14 7	2,593 3 9	3,549 10 10	2,171 13 1	16,093 14 0
f. Exchange compen- sation allowance ..	1,691 1 5	50 0 0	...	...	10 8 1	600 0 0	2,233 0 0
Total B.I. ..	1,130 13 4	...	185 13 9	...	375 0 0	...	1,801 11 1
	29,633 8 3	9,560 10 11	11,766 14 0	31,597 5 0	31,735 1 7	17,318 15 6	1,14,607 7 8
II.—Travelling allow- ances—							
a. Conservators ..	1,148 6 0						
b. Superior officers ..	997 2 0	817 4 0	621 12 0	871 8 0	1,626 8 0	785 14 0	1,148 6 0
c. Subordinate fore- and depot estab- lishments ..							
d. Other establish- ments ..	123 11 4	741 11 10	892 13 0	1,304 3 0	2,072 7 1	1,616 10 0	7,781 11 6
Total B.II. ..	613 11 8	103 2 3	102 13 0	572 8 4	433 11 8	162 6 8	1,047 5 7
	8,182 15 0	1,761 2 1	1,717 6 0	3,118 3 10	4,752 10 0	2,145 1 8	17,027 7 4
III.—Contingencies—							
a. Stationery ..	78 11 0	52 5 0	33 1 0	45 12 6	81 4 9	59 7 3	320 11 6
b. Carriage of tent- and records ..	1,068 3 2	656 5 2	615 0 4	787 2 4	912 3 0	643 9 2	5,183 0 3
c. Rents, rates and taxes ..							
d. Pay of police guards ..	..	...	...	..	100 0 0	...	100 0 0
e. Official postage ..	456 2 6	128 13 6	211 11 0	231 3 9	359 0 0	180 7 6	1,703 15 6
f. Sandries ..	751 2 3	495 6 3	300 5 6	417 13 11	605 14 1	667 14 6	3,073 7 6
Total B.III. ..	2,937 5 11	1,802 11 11	1,068 14 7	1,631 15 6	1,098 12 4	1,171 6 6	10,103 2 8
Total B.—Establish- ments ..	35,773 13 1	12,614 8 11	14,758 2 7	19,867 8 10	38,476 8 8	31,270 7 7	1,49,941 1 8
Grand Total of Ex- penditure ..	39,704 14 11	17,561 3 6	19,634 1 5	30,731 12 8	78,611 8 9	32,930 4 7	8,11,825 13 4
Surplus or Deficit	-37,861 10 1	+50,267 6 8	+27,217 12 8	+47,357 11 0	+1,00,625 7 0	+74,911 9 8	+274,511 8 8

W. D. F. COWLEY,
Comptroller, Hyderabad.

Form No. 02.—Account-current of the Forest Department, Hyderabad Assigned Districts, for the Forest year 1901-02.

To Cash Balance ..	Rs. a. p.	By I.—Refunds and Drawbacks ..	Rs. a. p.
" IX.—Forest (Revenue as per summary) ..	1,50,437 6 0	" II.—Forest (Expenditure as per summary) ..	410 4 0
" Service Funds (Forest Officers' President Fund) Postal In- surance Fund, United Service Family Pension Fund, Bengal		" III.—Forest Cash Remittances, Local— Deposits ..	1,11,025 13 4
" Deposits ..	4,172 15 9	" Forest Cash Remittances, Local— Remittances to treasuries ..	2,017 0 0
" Forest Cash Remittances, Local— Forest cheques drawn ..	2,08,090 10 0	" Inter-divisional transfers ..	40,155 14 6
" Inter-divisional transfers ..	8,555 16 5	" Cancelled cheques ..	3,811 0 0
To Advances recoverable ..	1,85,781 4 1	By Advances recoverable ..	1,07,205 2 1
" House-building advances ..	350 0 0	" House-building advances ..	3,900 0 0
" Suspense (cash recoveries) ..	240 1 11	" Suspense (cash recoveries) ..	240 1 11
" Account-current (other Govem- ments) ..		" Account-current (other Govem- ments) ..	2,705 2 6
" Inter-departmental transfers ..	5,707 8 7	" Inter-departmental transfers ..	7,105 13 4
	239 8 6	" Fermo charges ..	511 0 9
Total ..	...	" Forest Officers' President Fund ..	1,363 8 4
	5,91,640 13 9	" Cash Balances ..	1,63,180 12 31
		Total ..	8,93,610 13 9

BOLARUM;

4th September 1902.

W. D. F. COWLEY,

Comptroller, Hyderabad.

(47)

FORESTS.

ANNUAL FORM No. 63.—(PREScribed).—Revenue received and outstanding on account of Revenue during 1901-02 (Forest year).

Division.	Particulars.	Outstanding at commencement of year.	Value of sales and other revenue during year.	Total.	Amount realised during year.		Balance due to the Department at end of year.	
					Rs.	Rs. a. p.	Rs.	Rs. a. p.
Direction	Various sources	...	533 4 10	533 4 10	533	4 10	533	4 10
Ellichpur	Timber and other produce.	...	1,87,462 4 0	1,87,462 4 0	1,80,136	15 9	7,325	4 8
Amraoti	Do	...	79,779 9 8	79,779 9 8	73,931	9 8	5,843	0 0
Buldana	Do	...	77,780 11 5	77,780 11 5	77,710	11 5	61	0 0
Basim	Do	...	47,156 14 1	47,156 14 1	46,931	14 1	225	0 0
Wun	Do	...	1,07,186 6 8	1,07,186 6 8	1,07,183	14 8	2 8	0
	Total	...	4,99,899 2 3	4,99,899 2 3	4,86,437	6 0	13,461	12 8

ANNUAL FORM No. 64.—(PREScribed).—Outstandings and liabilities on account of contractors and disbursers for 1901-02—(Forest year).

Division.	Department debtor.				Department creditor.				Balance due.	
	At commencement of year.	Receivables in cash and value of supplies and work done during the year.			At close of year.	At commencement of year.	Payments made during year.	At close of year.		
		1	2	3						
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Amraoti	...	10,124	12 3	10,124	12 3	9,292	8 9	10,010	6 10	
Basim	...	15,347	6 0	15,347	6 0	2,976	14 0	10,151	0 5	
Buldana	...	27,802	12 7	27,802	12 7	2,679	2 9	26,036	4 10	
Direction	...	10,476	6 0	10,078	6 0	187	6 1	10,161	15 10	
Ellichpur	93 0 4	62,015	13 2	62,109	6 6	17,180	8 9	67,701	12 2	
Wun	...	26,159	10 11	26,159	10 11	4,168	10 6	23,161	13 7	
Total	93 0 4	1,83,806	12 5	1,83,900	6 9	29,534	2 3	1,94,018	6 11	
									11,018 21 2	

A.V.D.F. COWLEY,

Comptroller, Hyderabad.

ANNUAL FORM No. 65.—(PREScribed).—Financial results of the year 1901-02 (Forest year).

Division.	Timber and other produce removed from the forests by Government agencies.	Other revenue.		Formation, protection and improvement of forests.	Total.	
		Receipts	Charges		Receipts	Charges
		Rs.	Rs.	Rs.	Rs.	Rs.
Direction	...	533	533	19,512	18,658	533
Ellichpur	600	603	1,79,537	97,756	85,953	1,80,137
Amraoti	292	220	73,610	3,334	9,110	73,932
Buldana	1,057	397	76,663	13,276	16,159	77,720
Basim	...	...	46,932	8,923	10,761	46,932
Wun	74	318	1,07,110	14,730	17,191	1,07,184
Total	2,028	1,563	4,81,415	1,03,031	1,07,332	4,86,438
						2,11,926

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APPENDIX A.—Abstract of changes in area with their

Division.	Class.	At commencement of year.		Reservoirs	Transfers from			Additions due to			Charges due	
		Acres.	Square miles.		Rev.	Colles.		Transfer from one forest division to another forest dist.	Corrections of figures.	Inclusion of areas originally marked as unoccupied.		
											Total additions.	
Ellichpur ... {	A	496,310	775		...	...	392	4,167	...	...	4,579
	B	3,687	6		...	...	...	...	...	...
	C	487,820	763		...	...	...	2,939	...	...
Total ...	...	997,817	1,511		...	...	392	6,426	...	...	6,818
Amraoti ... {	A	35,014	55		...	...	2,091	..	18	...	2,091
	B	16,311	25		...	...	...	18	...	...
	C	104,925	164		...	...	...	10,931	...	...
Total ...	...	156,250	244		...	...	2,091	10,949	...	...	18,040
Buldana ... {	A	218,209	341		4,414	414	1,734	14,136	3,041	94	23,593	
	B	10,599	17		...	...	...	...	...	...
	C	157,251	217		99	233	...	8,734	...	...
Total ...	...	386,019	605		4,513	647	1,731	22,570	3,041	94	32,899
Basim ... {	A	175,472	274		1,237	..	...	16,284	...	...	17,521
	B	12,373	19		...	...	...	607	...	...
	C	300,771	469		2,614	...	...	16,368	...	...
Total ...	...	488,616	762		3,851	...	...	33,254	...	...	37,105
Wun ... {	A	146,037	230		...	...	...	...	...	...	...
	B	18,513	21		...	...	...	...	...	...
	C	350,628	547		3,786	766	...	...	...	...
Total ...	...	511,128	798		3,786	756	...	...	...	...	4,542
GRAND TOTAL ...	...	2,529,860	3,958		14,150	1,403	4,217	73,499	3,041	94	94,404

APPENDIX B.—Return showing manner

Division.	Cases taken into court.				Cases compounded.			
	Injury to forests by fire. - - - - -	Unauthorised selling or ap- propriation of wood and minor forest produce.	Grazing without permis- sion or in tracts in which grazing is prohibited.	Other offences.	Injury to forests by fire.	Unauthorised selling or ap- propriation of wood and minor forest produce.	Grazing without permis- sion or in tracts in which grazing is prohibited.	Other offences.
Ellichpur .. .	3	18	.. .	12	15	134	131	4
Amaroti .. .	7	8	1	5	5	99	50	4
Buldana .. .	4	13	.. .	.. .	15	121	69	2
Basim .. .	5	15	.. .	3	20	112	9	31
Wun .. .	1	15	2	5	12	131	14	14
Total ..	20	63	3	22	46	690	192	55
Average of previous 10 years ..	15	118	13	26	24	475	91	65

ESTS.

causes in each Forest Division during 1901-02.

Division*	Education due to				Total reduction.	At close of the year.	
	Transfers to,	1 class.	2 class.	Transfer from one forest division to another division.		Acre.	Square miles.
637	...	4		... 18	637 18	500,252 3,609	781 6
...	392	...		10,981	...	478,736	749
637	392	...		10,949	...	11,978	952,657 1,536
...	...	...		...	...	37,105	58
...	2,091	...		...	...	16,329	25
21	2,091	...		...	...	113,741	178
21	2,091	...		...	...	2,112	167,178
4	...	...		20,471	8,052	28,557	218,485
...	414	283		607	...	1,254	9,335
6,185	1,734	...		18,602	135	26,056	189,661
6,189	2,148	283		39,680	3,317	51,467	367,481
...	...	...		14,136	..	14,136	178,857
...	2	...		8,734	...	8,736	12,980
2	...	...		22,870	...	22,872	311,012
...	...	...		...	...	...	486
1,514	...	756		...	...	2,270	146,987
3,138	...	...		...	...	3,138	11,243
4,652	...	756		...	..	5,408	352,039
11,501	4,631	989		73,499	3,217	93,837	510,262
							797
							8,934

of disposal of cases by forest offences.

Injury to forests by fire.	Cases undetected.				Total cases.				Grand total of cases.
	Unauthorised felling or apportionment of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Injury to forests by fire.	Unauthorised felling or apportionment of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.		
43	...	...	...	19	152	...	4	175	
15	...	...	...	55	101	51	16	293	
49	7	...	1	20	135	59	4	218	
68	18	...	1	28	125	9	35	197	
24	29	12	1	12	153	16	19	200	
				134	666	135	78	1,013	
				63	622	116	92	893	

APPENDIX C.—Return showing the punishments awarded to members of the permanent Subordinate and Office Establishments during the Forest year 1901-02.

Designation.	Actual strength of staff on 1st July 1901.	Number of punishments.							Percentage with respect to strength of staff of individuals punished.			
		Proc- tion.	Dismis- sal.	Degrad- ation.	Suspen- sion.	Fine.	Total.	Once.	Twice.	Times.	Total.	Punish- ments.
								3	4	5	7	
Rangers	10	...	1	...	2	...	1	...	...	...	1	20.0
Deputy Rangers	23	...	—	—	5	5	5	...	...	...	5	21.7
Foresters	63	...	—	—	15	19	10	3	1	...	14	22.2
Forest Guards	172	...	11	2	69	65	52	15	1	...	68	49.4
Clerks	88	...	—	—	1	2	2	—	—	—	2	5.2
Draftsmen	—	1	...	—	—	—	—	—	—	—	—	...
Orderlies	10	...	1	...	—	—	4	5	2	—	—	3
Total	317	...	13	5	6	94	118	71	19	8	...	93
												37.2
												29.3

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